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WAY COOL “APP”TIVITIES IN EDUCATION



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Way-Cool “App”tivities for Educational Settings

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Way-Cool “App”tivities for Educational Settings

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General Introductory Information

Resources for this handout were collected from numerous recommendations from colleagues, students, SWAAAC team members, and personal research. Whenever possible the description from the iTunes store was included. Apps are generally categorized by the most appropriate association. It should be noted that many apps could fall into more than one category. Within categories, they are alphabetized. An asterisk (*) indicates my favorites.

The Disclaimer:

- Although iPads/Pods, etc are wonderful tools, clinical judgment still needs to be applied prior to making a recommendation of a device or app
- How the device and/or app are set up (particularly for augmentative communication) is a key to success of any device
- How the technology is introduced and implemented are also key considerations.
- There are new apps everyday and it isn't easy staying up-to-date
- You need to trial these apps just as you would any other device before purchasing for a student or child
- iPads and iPods aren't for everyone
- Most apps do not scan and are only accessed through direct selection, the ones that scan require other equipment to make this happen (i.e. blue tooth switches, etc...)
- You get what you pay for most of the time; “Free” or “Lite” versions of Apps often include advertisements and the content of the ads and the frequency of when they pop up cannot be controlled. The advantage of paying for an App is additional features and/or elimination of ads.
- There is very little research to support evidence based practice
- iPads and iPods are not dedicated devices

Why an i-pad? The advantages...

- Less space and weight
- Power – don’t have to be near an outlet
- Waiting – there is no waiting for programs to start.
- Built in accessibility features
- Built in resources such as camera, dictionary, etc.
- Socially accepted

Resources on Finding & Evaluating Apps

Do the features meet the needs of the student, in the environment, for the tasks which the student is expected to perform?

How I selected apps to include:

- iTunes store – description and reviews (#), cost, comments, customers also bought
- Blogs, Wikis, Listservs
- Google Search – Tips and Tricks (use the More feature to filter to just apps)
- You tube
- Best app for...

Apple's Education site: This is Apples website summarizing some of their favorite apps for education. They have organized them by categories such as English/language arts, math, science, history and geography, language development, art/music/creativity, reference, productivity and collaboration and even accessibility. Note there are descriptions of each app but also several links to encourage you to download iTunes. ☺

<http://www.apple.com/education/apps/>

Apps for Children with Special needs: This web site offers a searchable source for special education apps. They demonstrate app use through videotapes of the app being used. They typically show you the different options for the app as well as a demonstration of the app. The web site also includes personal stories and photos from families of how they use the iPad with their children with special needs. Their web site indicates that their aim is to produce videos with an independent perspective to demonstrate products designed to educate children really work from a user perspective to help users determine if the product is the right fit. [www.a4cwsn](http://www.a4cwsn.com).

Cormier's Apps for Education List – This list contains general information about using iProducts in education. It also has a tremendous list of apps to consider by category. Over 1000 education apps included with descriptions of each.

<http://www.connsensebulletin.com/2011/01/apps-for-education-update/>

Eric Sailor's Special Education App List (Apps for Special Education) – This amazing handout was created by Eric Sailers, a Speech Pathologist in San Diego. It is organized by categories and updated regularly with new apps. It is stored on the "Scribd" website with other documents he has created. Scribd charges a fee to download documents.

<http://www.scribd.com/doc/24470331/iPhone-and-iPod-touch-Apps-for-Special-Education>

You can also access the document on Eric's blog ericsailers.com/blog.html. Click on the resources tab for links to numerous resources.

Free App Alert: This site has so much information that changes daily that it can be overwhelming. It contains a daily list of apps that previously cost money but for short-term are free. Apps are organized by original price (i.e. was 4.99). If you like a "sale" this site offers it. You can request the list of free apps be emailed to you daily. <http://freeappalert.com/>

Google Apps Google offers a number of free apps designed to enhance organization and collaboration utilizing Web 2.0. Examples include todo lists, reminders, document sharing and management, etc. You can create a Google account and then access it from your iPhone, iPod, etc., as long as you have an internet connection. www.google.com

iEar.org – I Education Apps Review is a community of over 500 educators, administrators and app developers. They evaluate apps for the overall educational value and how they may or may not make a difference in the classroom.
www.iear.org

IPAD Academy – This web site (web site not app) contains recommended apps and implementation ideas for education (including higher ed). It includes numerous tips and tricks.
<http://ipadacademy.com/2010/12/ipads-as-assistive-technology-30-apps-for-augmentative-and-alternative-communication-aac>

iPadCLIU wikispace – This wiki (provides links to other web based resources) focuses on all things app and education. It includes amazing resources such as Apps by Area/Use including apps for Administrators/Teachers, Communication, Speech Therapy, Motor Skills/OT, Sensory, and Reading. It also includes links to processes, forms and administrative issues as well as training information.
<http://ipadcliu.wikispaces.com/App+Lists+by+Area>

iPossibilities Special Needs App List – This blog includes links and reviews for individuals with significant special needs.
<http://teachinglearnerswithmultipleneeds.blogspot.com/2010/06/ipossibilities-for-those-with.html>

Kindertown: This free app is available for download on the app store and specializes in evaluating apps for children 3-6 years of age. They indicate that chosen apps have been reviewed by parents, educators and children and have passed a set of standards established by them. They also offer to review apps from new developers.
<http://www.kindertown.com/about/>

Moms with Apps is a group of app developers (originally all moms). They share apps that they or their partners have developed that they consider family friendly. They indicate that their goal is to help families and educators locate apps that target children's needs. They organize apps by category/subject areas and age groups, learning focus, developer, Apple's Picks, etc. They also have a Facebook page which allows you to follow updates they make.
<http://momswithapps.com/>

One Place for Special Needs – This web site contains numerous resources for all things disability. The gold mine of this site is the list of apps sorted by function. i.e. apps for sequencing, speech skills, physics, etc.
http://www.oneplaceforspecialneeds.com/main/library_special_needs_apps.html

Quixey This web site offers a powerful search engine to search for apps by category. The site developers work with manufacturers, carriers, search engines and platforms to build app search solutions.

<http://www.quixey.com/>

Snappsforkids – (Special Needs Apps for Kids) - This web site is created as a resource for apps for children with special needs. It is done by parents, teachers and doctors. In addition to resources on apps, it includes many other useful tools such as information on funding resources, accessories, and more. Definitely worth checking it out.

<http://www.snapps4kids.com/>

Spectronics: This is a great site that gives a short description of most speech apps, as well as other categories. It also includes price and rates from 1 star – 3 stars. This link also provides pricing, descriptions, videos of most of the AAC apps

<http://www.spectronicsinoz.com/article/iphoneipad-apps-for-aac>

General information

Getting Started with iPod Touch – This resource offers a guide for using iPod touch and iTunes for teaching and learning. Created by Apple it offers numerous resources for education. Examples include how to create playlists.

<http://images.apple.com/education/docs/teachers/Apple-iPodGettingStartedGuide081809.pdf>.

iPad Processes and Forms - Butte County School District in California offers numerous processes and forms on their web site that they have created for their educational settings. Examples include: iPad request form, user agreement, purchasing information for devices and apps, app tacking, device repair, iTunes and quick tips.

<http://www.bcoe.org/admin/its/ipad.htm>

Document sharing and storage

Air Sharing \$6.99 - this app allows users to use the iPad or iPhone as an external drive. This app allows the user to view and move files. This app allows you to view documents on numerous web based resources such as Google Docs, Dropbox, MobileMe iDisk, Box.net, FTP, Box.net, WebDAV, IMAP & POP3 mail servers, SSH, and more.

<http://itunes.apple.com/us/app/air-sharing-for-iphone-ipod/id289943355?mt=8>

Briefcase \$4.99 and briefcase lite (free). This app allows you to download any type of file or directory to your iPhone. You can view files or upload them to another iPhone. The lite version offers less storage space. No cables are required.

<http://itunes.apple.com/us/app/briefcase-lite/id292603588?mt=8>

Dropbox is a free service that lets you store your photos, docs, and videos on the internet and share them when you want to. You can have access to your files when you're on the go. You can also sort files by favorites. This is a very popular file storage service. You can easily sync files and folders across multiple computers and devices. Includes 2GB of free storage.

<http://itunes.apple.com/au/app/dropbox/id327630330?mt=8>

iCloud free (on iOS 5) is an Apple service that allows users to store music, photos, apps, calendars, documents, and more on the cloud. It then wirelessly pushes this information (new purchases, etc) to all your devices. (See below in calendars and tasks). iCloud requires iOS 5 on iPhone 3GS or later, iPod touch (3rd and 4th generation), iPad, or iPad 2; a Mac computer with OS X Lion; or a PC with Windows Vista or Windows 7 (Outlook 2007 or 2010 or an up-to-date browser is required for accessing email, contacts, and calendars). Some features require a Wi-Fi connection. Access to some services is limited to 10 devices.

<https://www.icloud.com>

Memory Stick Free - Memory Stick lets you use your iPhone or iPod Touch for storing and viewing files or for transferring files between two computers. Open the app and press the file sharing button. You do need your device to be available on the network via its Wi-Fi capability for this to work.

<http://itunes.apple.com/us/app/memory-stick-free-folders/id381505848?mt=8>

Show Me Interactive Whiteboard (Free) This app turns your iPad into an interactive whiteboard. It allows you to record voice-over whiteboard tutorials and share them online. You can use images from your photo library to write over or around and share recordings online.

<http://itunes.apple.com/us/app/showme-interactive-whiteboard/id445066279?mt=8>

Time Management & Teacher/Administrative Resources

Popping Bubbles: (Free) This app allows you to work out some of the stress you may feel ☺ by popping bubble wrap virtually. <http://www.virtual-bubblewrap.com/popnow.shtml>

Calendars & Tasks: If you currently use Microsoft Outlook for tasks, you can easily sync with your iPad. You can also sync other calendars through the icloud. Or there are numerous other calendars and syncing apps. But, a word of caution, icloud is a little tricky. When you are using the calendar portion of icloud, make sure that you pay attention to which Calendar you are editing and where it is stored. If you are creating or editing events and you want them to be in iCloud Calendar, those events need to be created in a Calendar that is in the ICLOUD section of the iCal Calendar List

Super Duper Data Tracker (\$5.99) This app offers a tool for monitoring and documenting students' progress. With this app you can create multiple goals for each student, choose various response types such as Tally, Correct, Incorrect, Approximated, and Cued, store data for an unlimited number of sessions, write notes for each student in a session, email results for individual students or all students in a group, graph results and more.

<http://itunes.apple.com/us/app/super-duper-data-tracker/id432397161?mt=8>

Educreations (Free) This app (and/or you can do it on their website) turns your iPad into a recordable whiteboard. It allows you to record your voice and handwriting to create video lessons. You can share the video lesson with a limited audience or make it public. On their web site, you can also access tons of lessons that others have created and get a sense of ways to use this app.

<http://www.educreations.com/>

Flipboard (Free) This highly awarded app is designed to create a personalized magazine out of everything being shared with you. Flip through your Facebook newsfeed, tweets from your Twitter timeline, photos and much more. Connect Flipboard to all your social networks, and you'll have a single place to enjoy, browse, comment on and share all the news, photos and updates that matter to you. It analyzes the information and break sit down into content that can be presented in the format that works best for you.

<http://itunes.apple.com/us/app/flipboard/id358801284?mt=8>

IEP Checklist (Free) IEP Checklist is a tool for parents and teachers to consider as they develop the IEP. Not every item on the checklist is required by special education regulations. For more information, consult the Federal regulations and other information that can be found at <http://idea.ed.gov>.

<http://itunes.apple.com/us/app/iep-checklist/id348702423?mt=8>

Papers (\$14.99) This app is designed to help you organize articles and documents. With it you can search hundreds of articles in your library with the flick of a finger, lookup the papers written by a certain author or published in that well-known journal, organize your library in collections and add your rating or flag great works.

<http://itunes.apple.com/us/app/papers/id304655618?mt=8>

Reeder (\$2.99) This app syncs with Google Reader to allow you to browse documents by by feed or folders, manage content, add notes, and more.

<http://itunes.apple.com/us/app/reeder/id325502379?mt=8>

Screen Chomp (Free) This clever app is difficult to explain but it essentially allows you to allows you to edit documents using a screen capture video. It includes a simple doodling board, markers, and one-click sharing tools to write on top of your image and video your comments or instructions. Then easily share it with others. Students use this app to help each other on projects, teachers use it to add instructions to worksheets or explain tasks, etc.

<http://itunes.apple.com/us/app/screenchomp/id442415881?mt=8>

TeacherPal (Free) This app is designed to help keep the teacher organized. It includes grade books, attendance, and the ability to import and export files. It enables the teacher to organize classes, and students.

<http://itunes.apple.com/us/app/teacherpal/id389584618?mt=8>

Teacher's Pick (.99) This app gives you the ability to randomly choose students without having to rely on memory. Add your class names and the students in each class and this app keeps track of which students are active, inactive (already chosen) or absent and gives you options to pick a student from the active group or pick from the full group (active or inactive). At the end of the day or week just touch a button and all of the students present are returned to active status.

<http://itunes.apple.com/us/app/teachers-pick/id320221052?mt=8>

Textfree – This app for the iPhone, iPod touch and iPad and now Android comes in two versions, Textfree Lite and Textfree. The Lite version is free and allows you to send and receive up to 15 text messages daily using your iPod. There are ads on the free version. The paid

version has no ads and no limit on the number of texts per day. You sign up for a textfree address through the app that friends use to text you. They will send a text to the email address. You can even get a free phone number now (as of the last few months). They are growing in popular exponentially and this was one of the most popular app downloads last year. Textfree is a product of Pinger which has other cool products worth checking out like: i2i, Doodle Buddy, PhotoChop and Stickwars users. All apps are available on the app store. www.pinger.com

Time timer \$4.99 is a useful countdown timer app. It features a disappearing red-disk which allows a visual feedback to how much longer.

<http://itunes.apple.com/us/app/time-timer/id332520417?mt=8>

Math

Built in iPhone calculator – free built-in calculator is a scientific calculator if you turn the device on its side to access the more advanced functions.

Brain Quest Blast Off (\$2.99) This series of apps for all grades mimics the brainquest flashcards that many teachers own. It contains thousands of grade level questions in a game/quiz format.

<http://itunes.apple.com/us/app/brain-quest-blast-off-grade-3/id300097029?mt=8#>

Coin Math \$1.99 This app is included on Best Apps for Kids. It includes a variety of options for working with money at different levels. You can match coins to their value, purchase items by counting coins needed, etc. It addresses the money standards for 2nd grade. For example, the easiest gets you matching the coins to their value.

<http://itunes.apple.com/us/app/coin-math/id296596459?mt=8>

Convert Pad (\$.99) This conversion app allows users to handle over 120 conversion calculations for U.S. Standard and Metric Measurement for length, area, volume, fluid, weight, time, computer, and temperature.

<http://itunes.apple.com/us/app/convert-pad/id370095978?mt=8>

Counting Coins and Bills (Free) This app allows the user to practice identifying and solving math problems with money. They can count, match, and make change with coins up to quarters and bills up to \$20. Practice money skills in five unique activities: (1) Counting Money: Type the total of the coins and bills you see.(2) Show Me the Money: Drag bills and coins to make the total shown.(3) Making Change: Drag bills and coins to give customers change for their purchases. (4) Matching Amounts: Make the amount shown by using a different combination of bills and coins and (5) Show Values: Drag coins and bills to count up, and then check your answer.

<http://itunes.apple.com/us/app/counting-bills-coins/id374976971?mt=8>

Fractals – \$2.99 Fractals are a concept often discussed in geometry. They are made by a simple formula, yet they have complex designs. This app allows you to create fractals by just pinching the screen. A great way to view fractals in real time.

<http://itunes.apple.com/us/app/fractals/id300542371?mt=8>

Graphing Calculator \$1.99 turns your phone or iPod into a scientific calculator. This app was selected by Time Magazine as one of the top 10 back-to-school iPhone applications. Features allow you to plot and trace multiple equations on the same graph, pinch to zoom and drag/slide for scrolling the graph in real time, take screen shots, and e-mail graphs to yourself, find the exact (x,y) coordinates for roots, intersections, minimums and maximums using the trace mode, and more. Read the reviews if you are considering this app as some functions are not supported. <http://itunes.apple.com/us/app/graphing-calculator/id289940142?mt=8>

Kids Math Fun ~ Kindergarten Free This app allows users to practice addition of two single digit (0-9) numbers, and the subtraction of two single digit (0-9) numbers (without negative answers). There is an option for unlimited time or a timed feature. The settings options allows you to adjust complexity and tracking of scores. <http://itunes.apple.com/us/app/kids-math-fun-kindergarten/id287877578?mt=8>

Math Bingo (.99) This simple math game includes four options for addition, subtraction, multiplication and division, with 3 different levels of difficulty. You can include up to 5 player profiles and customize 8 different cartoon avatars. The app allows you to track number of games played as well as scores for each game and level. <http://itunes.apple.com/us/app/math-bingo/id371338715?mt=8>

Math Drills Lite Free This math app contains colorful graphics to address basic math skills in addition, subtraction, multiplication and division. It is unique in that it offers strategies and tricks as well as solutions to players to help solve problems. For example, it shows you how to use your fingers for multiplication. It also allows you to adjust the complexity of the problems for the user. <http://itunes.apple.com/us/app/math-drills-lite/id302881372?mt=8>

Math Ninja \$1.99 or free version - In this fun game, you become a Math Ninja and try to hold off an army of robots by answering math problems. You earn cash to buy objects that help get rid of the robots. This game is somewhat violent with smoke bombs, throwing stars, and ninja magic. <http://itunes.apple.com/us/app/math-ninja-hd/id370144476?mt=8>

Mathomatix – Measurement \$.99 This app is part of a series, all called Mathomatix. Designed to teach young elementary children, this app addresses concepts of measurement such as weight, volume and length. As with other apps in the series, this app was developed based on National and California Standards. The app comes with five activities: Crazy Clock, Scale Tale, Fill Me Up, Long and Short, Action Months. <http://itunes.apple.com/us/app/measurement/id408627880?mt=8>

Mathstronaut \$1.99 This fast paced math app combines the fun of math with humorous illustrations and games. Silly cartoons address addition, subtraction, multiplication and division. Kids love it because the humor is a little gross at times. It includes 2 game modes and increasing difficulty. Illustrations are repetitive but math problems change so kids seem to enjoy it. <http://itunes.apple.com/us/app/mathstronaut/id387669648?mt=8>

Motion Math. 99c on the iPhone and iPod Touch, and \$2.99 on the iPad. This award-winning app offers a way to practice fractions, decimals and percentages using the accelerometer in your

device. As you tilt your iPod or iPad left and right, you bounce a falling star on the correct part of a number line. It has a fun game format with a variety of options and fun levels. The object of the game is to move fractions to their correct place on a line in order to allow the falling stars to return to space. It includes fractions in many representations -- numerator over denominator ($\frac{1}{2}$), percents (50%), decimals (.5), and even pie charts. It also includes increasingly helpful hints (scaffolding).

<http://itunes.apple.com/us/app/motion-math/id392489333?mt=8>

Multiplication Rap 6x HD (\$.99) There are a series of apps, each .99 cents that work on multiplication skills for a specific number, i.e. multiplying by 6. The app features a fun character, D.J. Doc Roc, the Hip Hop Hamster who teaches multiplication skills using rap.

<http://itunes.apple.com/us/app/multiplication-rap-6x-hd/id442926211?mt=8>

Nine Gaps Lite (Free) Similar to sudoku but different, this app has the user place numbers from 1 to 9 in the missing gaps, while matching the operations presented in the puzzle. Awarded Apple's best Math puzzle game award.

<http://itunes.apple.com/us/app/ninegaps-lite/id327122710?mt=8>

PCalc Calculator Lite - Free version of the scientific calculator app for the iPhone. This "lite" version offers a fully functional calculator, including an RPN mode, multiple redo/undo's, and unit conversions and constants. It also features two visual theme options.

<http://itunes.apple.com/us/app/pcalc-lite-calculator/id300311831?mt=8>

Rocket Math .99 or lite version is free In this award winning app, Kids complete math problems (addition, subtraction, multiplication, money, time, patterns, shapes, counting, fractions, decimals, etc) in order earn fake money to build a personalized rocket ship and complete a mission. It includes six levels and utilizes the touch pad and the tilt feature on your device to steer your rocket to the right answer. It works on the iPhone, iPad or iPod Touch.

www.rocketmath.net or <http://itunes.apple.com/us/app/rocket-math/id393989284?>

Times Table Lite (Free) – This app offers a way for users to practice and learn multiplication tables using interactive games and activities.

<http://itunes.apple.com/us/app/id382413362?mt=8>

Undersea Math (Free version has adds) - This app allows the user to practice math skills in a game format. For every correct answer, you can see more of a secret picture.

<http://itunes.apple.com/us/app/addition-undersea-adventures/id386107435?mt=8>

Virtual Manipulatives (Free) This math app allows you to work with virtual math manipulatives and has won several awards. If you have used the web site www.abcya.com before, this is the web site as an app. It helps students work with fractions and provides concrete meaning to more abstract learning.

<http://itunes.apple.com/us/app/virtual-manipulatives/id471341079?mt=8>

Music

Awesome Xylophone (Free and .99) – This app features a realistic looking and sounding Xylophone with bright colors and musical notes.

<http://itunes.apple.com/us/app/awesome-xylophone/id423063965?mt=8>

Beatwave (Free) This app includes a variety of musical instrument samples, and endless ways to mix and match them.

<http://itunes.apple.com/us/app/beatwave/id363718254?mt=8>

JamPad (Free) This music app that allows you to access a full octave at any point on the keyboard, and then play away on the virtual piano until your heart is content. Not only that, users can add in tailored beats from a huge selection, play guitar chords and add in self-composed electric guitar solos.

<http://itunes.apple.com/us/app/jampad-plus/id495395154?mt=8>

Melodica Free This app for the iPod, iPhone, and iPad is offered in both a free and paid version. Simply tap on the screen to create lights and music. <http://appshopper.com/music/melodica>

Pandora Radio Free is the same as the web based option if you are familiar with it. Through Pandora, you can stream music that you like. The app will then select music similar to what you choose and play that as well. You can bookmark favorites or block those you do not like.

<http://itunes.apple.com/us/app/pandora-radio/id284035177?mt=8>

PIY (Play it Yourself) 4 HD Free – This is a game designed to let you play music. Although it is advertised to teach you how to play the piano, I did not find this to be the case. The keyboard lights up upcoming keys for you to play on the built in piano. It plays with you, making what you play sound even more impressive. You get a higher score if you can keep time with the highlighted keys. You start with one song, Beethoven's Fur Elise, and unlock others as you get better. <http://itunes.apple.com/us/app/playityourself-4-hd/id435368538?mt=8>

Pocket Shaker (Free) - This app offers almost twenty different simple musical instruments including a tambourine, cowbell, maracas, bongos and others. The user interface utilizes movement of the iPad.

<http://itunes.apple.com/us/app/pocket-shaker/id313139592?mt=8>

Virtuoso Piano Free 2 HD features two rows of piano keys and makes the iPad, iPhone and iPod a virtual piano. The reviews (and my son) feel it offers great piano sound quality. The full version has more features than the free version but overall it is a nice free app. It is the number one piano app downloaded on iTunes. The setting allows you to move the octaves of the keys up or down. <http://itunes.apple.com/us/app/virtuoso-piano-free-2-hd/id304075989?mt=8>

Reading

A Story B4 Bed (Free) This app allows you to record books for free on your iPad and share them with others. In addition, they have a library of authors who do virtual readings of their own books for you. Head to <http://www.astorybeforebed.com/storytime>. Watch any of the recorded

stories. And in the bottom right hand corner click "Add to My Books" (one you have registered with the site.) Those recordings will show up in the app for download. Free of course. ***
<http://itunes.apple.com/us/app/a-story-before-bed-personalized/id364887654?mt=8>

Bob Books Magic #1 (\$1.99) This app takes the classic Bob books and makes them interactive for the iPad. It includes interactive games and activities based on phonics. It includes a simple drag-and-drop interface that can be used by the youngest children.
<http://itunes.apple.com/us/app/bob-books-1-reading-magic/id403753501?mt=8>

Cooper's Bear hug (Free) This Interactive Story from Hallmark Cards, Inc. is a darling story of a baby bear who wants to find a way to show his mom how much he loves her. Little ones will love hearing this story as a narrator reads to them, page by animated page.
<http://itunes.apple.com/us/app/coopers-big-bear-hug/id413805689?mt=8>

CALIBRE - Free This is a free downloadable program (not web based) that will convert source files (such as those formatted for a Sony Reader or Kindle) into the format needed to view them within iBooks on the iPad. This e-book management program helps keep track of and store e-books. CALIBRE has a number of other features such as the ability to find metadata about books (author, publisher, publication date, etc.) from the Internet and a news reader which allows the user to subscribe to various RSS News feeds which CALIBRE will reformat and send to the e-book reader. Input Formats Currently Supported: CBZ, CBR, CBC, CHM, EPUB, FB2, HTML, LIT, LRF, MOBI, ODT, PDF, PRC**, PDB, PML, RB, RTF, SNB, TCR, TXT
Output Formats Currently Supported: EPUB, FB2, OEB, LIT, LRF, MOBI, PDB, PML, RB, PDF, SNB, TCR, TXT. (With Bookshare books you take the XML file into Word and save it as HTML or PDF. Then take into Calibre to convert into ePub by Don Johnston. Once in ePub load it into iBooks and read it with VoiceOver.) Note: The formatting can get a little messed up.
<http://calibre-ebook.com/>

DaisytoEPub \$99.00 This software program which you purchase converts your NIMAS, DAISY, MS Word, Text, HTML and Bookshare files to portable book readers like the iPad, Nook, Sony Reader or Android devices. It converts your files into ePub format. According to their web site, it even converts the images and the table of contents.
<http://www.donjohnston.com/products/daisytoepub/index.html>

Dictionary.com (Free) offers a full dictionary for your iPad. It is connected offline so no internet connection is required. It includes over 1,000,000 definitions and 90,000 synonyms and antonyms. It also includes audio pronunciations, example sentences, and the famous Word of the Day. It also includes a word game called, Miss Spell's Class, where you can test your spelling skills against commonly misspelled words. It is recommended that you install the app when you are connected to your computer, verses from your device. It also has a sister site called Thesaurus.com
<http://dictionary.reference.com/apps/iphone>

Don Johnston (Bookstream) Bookstream allows access eBooks (including Bookshare's 110,000 digital files). It will read any book in ePub format and allows teachers to upload and share their own content such as quizzes and worksheets with students. It includes built in tracking tools

teachers can see how much time their students spend reading and which books they read. It is web based. First year costs are regularly \$1749 with an annual maintenance fee of \$529 per site. You must turn on VoiceOver on your iPad to have it read to you.

http://www.donjohnston.com/about/news/2011/PR_Bookstream_Sep2011.html

Dr. Seuss Books (\$2.99) there are several Dr Seuss Books in the app store that all receive great reviews. They include professional narration, background audio and enlarged artwork for each scene. Words are highlighted as the story is read and words zoom up when pictures are touched. Three ways to read include having the book read to you, reading it yourself and autoplay.

<http://itunes.apple.com/us/app/dr.-seusss-abc/id354855128?mt=8>

Free Exam Vocabulary Builder – (Free) This app offers flashcards to help students learn vocabulary commonly found on graduate school exams, university entrance exams, professional advancement, or simply increased language proficiency. It includes common vocabulary words from college entrance exams with definitions, synonyms, and example sentences.

<http://itunes.apple.com/us/app/free-exam-vocabulary-builder/id319052551?mt=8>

iBooks (Free) This app offers a way to download and read books. iBooks includes the iBookstore, where you can download the latest bestselling books.

<http://itunes.apple.com/us/app/ibooks/id364709193?mt=8>

iBuild ABC's - \$.99 This app works on cognitive & fine motor skills while helping children learn the alphabet. They build letters using different materials provided.

<http://itunes.apple.com/us/app/ibuild-abcs/id458023896?mt=8>

InDAISY Reader \$19.99 – This app allows users read DAISY books on their iPad, iPhone and iPod Touch. Currently it supports Daisy books from Bookshare as well as numerous other sources. Members of Bookshare can browse and search Bookshare Daisy books from within the app and easily add books to their bookshelf. It features auto resume (remembers where you left off), bookmarks, playback, adjustable reading speed, font size and type and other features.

<http://itunes.apple.com/us/app/indaisy/id377597460?mt=8#>

Kindle (Free) This app is designed for iProducts (iPhone, iPod touch, and iPad) to give you the ability to download and read Kindle books, magazines, newspapers, etc. You can shop the Kindle store through Amazon to get access to over one million e-books. It also provides all the features of syncing such as last page read, bookmarks, highlighting, etc. There are numerous free books as well. <http://itunes.apple.com/us/app/kindle/id302584613?mt=8>

Magic Penny (\$.99) This app was developed by the developers of the Magic Penny Reading Program. It includes a monkey puppet that teaches auditory discrimination of sounds. It is designed to teach phonemic awareness and phonemically-based phonics skills. It uses entertaining animations and videos to keep children engaged. At home, the app guides the child through a series of 31 levels while tracking their progress and automatically selecting the next level. When used in school, teachers have the ability to unlock the app, allowing teaching at any level. Ages 3-6.

<http://itunes.apple.com/us/app/magic-penny-1/id423976978?mt=8>

Millie Was Here: Book One Meet Millie (Free) This app features a digital pop-up interactive book where the user literally opens doors, pulls strings, and plays games. The story is about a little dogs explorations and includes videos, games and more. Tons of interaction, music, and more. The text can highlight words as they are read. Options to have the book read aloud or read it yourself. “Bedtime Mode” creates a calmer experience for nighttime reading.

<http://itunes.apple.com/us/app/millie-was-here-book-1-meet/id452174851?mt=8>

OverDrive Media Console (Free) – This app allows users access to electronic library books. You must have a library card and your library must be participating but many are. You can use the ‘Get Books’ feature in the app to find a library near you. Browse your library’s digital collection on the web, check out a title with a valid library card, and download the title directly to your iPhone, iPad, and iPod Touch. Each EPUB eBook and MP3 audiobook that you check out has a lending period. The title automatically expires in the app at the end of the lending period, so there’s never a late fee. There’s even a handy countdown clock built into the app so you know how long you have to read or listen before the title expires.

<http://itunes.apple.com/us/app/id366869252?mt=8>

Photo Touch Apps by Grasshopper (.99) - this series of apps features colorful photo based pictures to teach children words. This particular app teaches early concepts of position, size, direction and more. The app includes game modes that can be customized.

<http://itunes.apple.com/us/app/kids-learning-photo-touch/id423247346?mt=8>

Pocketphonics - Free or \$2.99 - Helps teach phonics through letter sounds, letter writing and word recognition.

<http://itunes.apple.com/us/app/abc-pocketphonics-lite-letter/id302689971?mt=8>

Present for Milo (Free short version or \$3.99 for the full version) This award winning app is an interactive story that children love. It includes more than 80 tap-interactive objects that initiate more than 125 animations.

<http://itunes.apple.com/us/app/a-present-for-milo-a-touch/id405288824?mt=8>

Read2Go \$19.99 is an accessible e-book reader that was developed by Benetech (the parent organization of Bookshare). Read2Go is an accessible DAISY reader for Apple devices which connects directly to Bookshare’s online collection of over 120,000 books. The app allows users to search, download, and read Bookshare books and periodicals and manage their books in a bookshelf. In addition, Read2Go reads DAISY 2.02 and 3.0 materials from some other sources. The app is great, and has text-to-speech as well as some study skills features. **Note:** This app requires the student belongs to Bookshare (individual membership). They web site indicates “supports individuals with print disabilities, such as blindness or low vision, a physical disability in which an individual cannot hold a book or turn the pages of a book, or a severe learning disability, like severe dyslexia, that affects reading. Users can choose to read books using text-to-speech with synchronized word-by-word highlighting and audio provided by the highly natural Acapela voices or in VoiceOver mode with the Acapela or Apple voices. Based on reading preferences, users have a wide range of options for font size, color and background color. In addition to adjusting the rate of the audio, users can turn the text-to-speech on and off.

Further, Read2Go supports all levels of DAISY navigation that are included in the structure of the book, navigation using VoiceOver gestures, as well as connectivity with Bluetooth-enabled braille devices.” <http://itunes.apple.com/app/read2go/id425585903?mt=8>

See Read Say \$1.99 This app teaches children to read the list of 220 Dolch high-frequency sight words which reportedly make up from 50 to 75 percent of the reading material encountered by students in early reading. This app includes the ability to customize for different children, to collect data and track progress.

<http://itunes.apple.com/us/app/see-read-say/id322313775?mt=8>

Shakespeare (Free) This app includes all the works of Shakespeare for your iPad. It includes plays, sonnets, and poems. It is searchable in exact and relaxed modes so you can find what you are looking for. It also includes portraits and a glossary of terms.

<http://itunes.apple.com/us/app/shakespeare/id285035416?mt=8>

Sight Words List - Learn to Read Flash Cards & Games (Free) This app contains six sets of sight Words, also known as the Dolch List. They are broken by level of difficulty.

<http://itunes.apple.com/us/app/sight-words-list-learn-to/id445708245?mt=8>

Smiley Sight Words .99 – this app includes over 1,600 sight words. Child’s progress can be tracked and exported.

<http://itunes.apple.com/us/app/smiley-sight-words/id361006388?mt=8>

Spell-A-Word (\$29.99) RJ Cooper’s Spell-A-Word is a large print spelling app, where you can make your own WordLists, or use those that we've made for you (complete with pictures and recorded words). When searching for this app, make sure you use the dashes.

<http://itunes.apple.com/us/app/spell-a-word/id480176452?ls=1&mt=8>

Stanza – (Free) This **Free** app offers access to over 50,000 free electronic classic books from project Gutenberg, Feedbooks, etc. as well as over 50,000 books and magazines available for purchase. It does not read aloud. However you can customize the text size, color, line spacing etc. It also allows you to organize books but category and author. You can also create your own ebooks to read on the program. Information on how to create your own books, change settings, download books and more can be found at www.lexcycle.com

<http://itunes.apple.com/us/app/stanza/id284956128?mt=8>

TextHelp (Read&Write Gold) Allows students to read textbooks and use the highlighting features of Read and Write Gold directly on their iPads. It includes features such as dual colored highlighting, high quality voices for text-to-speech, etc. Read&Write Gold only gives access to the web app (for use on iPad also) if you purchase a site license. Those range in price from \$3,000 - \$6,200.

<http://www.texthelp.com/North-America/Our-products/Readwrite/features-pc/web-apps>

Toy Story Read Along (Free) is a great bargain for anyone with kids. This darling story includes numerous adventures, games, clips from the movie, songs, coloring pages and more.

You can record your own narration or use the narration that comes with the app. You can also read and explore at your own pace. The information button provides options to simplify page turning through a young readers mode <http://itunes.apple.com/us/app/toy-story-read-along/id364376920?mt=8>

Writing

General Writing

ABC Tracer \$1.99 This award winning app helps children learn to write by tracing on guide lines. It offers fun feedback in numerous activities.

<http://itunes.apple.com/us/app/abc-tracer-alphabet-flashcard/id324616399?mt=8>

AudioNote Lite Free and full version \$4.99 This app allows the user to take notes and synchronize it with an audio recording. It automatically indexes your content as each note acts as a link to the point at which it was recorded, you can add notes at the time or later. It highlights text during playback, text note application, with copy, paste, etc.; pen mode for drawing or handwritten notes and the ability to export notes and audio via email, over Wi-Fi, or through iTunes (iPad only). AudioNote Lite is limited to 10 minutes of audio per note, and 2 hours total. Upgrading to the full version of AudioNote allows unlimited recording and sharing of notes over Wi-Fi and email.

<http://itunes.apple.com/us/app/audionote-notepad-voice-recorder/id369820957?mt=8>

ImageToText (Free) - This app allows you to convert images to text and share the results through email or Evernote. Use the Ipad's camera to take the picture. The email will contain the original image and the editable text file. Currently they are supporting English only.

<http://itunes.apple.com/us/app/image-to-text-ocr/id431757093?mt=8>

Intellipad (\$19.99) This app is designed to combine the functionality of a notepad with word prediction, text-to-speech and a customizable keyboard. Intellipad 1.0 features a totally customizable keyboard. Users can create a lower-case letter keyboard, as well as change the font, color, and number of available keys. Words, sentences, and even sounds can be assigned to different keys, making it possible to design a keyboard to fit a student's individual needs and learning process. Although it was designed for students learning to read and write, Intellipad is also being used as a communication device

<http://itunes.apple.com/us/app/intellipad/id435865000?mt=8>

iWrite Words – \$2.99 or Free lite version with letters a, b, and c and 3 words (cat, cup, owl) only. This app for the iPod Touch, iPhone, and iPad helps the user learn to write letters, numbers and words. The user starts at the icon provided and traces the line, following the numbers provided. This award winning app is designed to teach handwriting while playing a fun and entertaining game. In the game, you help Mr. Crab collect the numbers in sequence by dragging him with your finger - and drawing the letter at the same time. As a reward, when you are correct, a cute drawing appears. Slide the letters into the rotating hole and advance to the next level.

<http://itunes.apple.com/us/app/iwritewords-handwriting-game/id307025309?mt=8>

Little Speller (.99) This app offers spelling practice in an interactive game. Ideal for ages 0 to 6. This app is unique in its ability to be customized. You can add your own voice, items, pictures, and more.

<http://itunes.apple.com/us/app/preschool-games-little-speller/id422499871?mt=8>

Office application substitutes:

Pages, Numbers, & Keynote \$9.99 each. There are numerous word processing and database apps that try to replicate Microsoft Office, Excel, PowerPoint, etc. I have found pages, numbers and keynote to be adequate substitutes. It should be noted that their interface is completely different and takes time to learn them.

Other handwriting aps to consider: Paperdesk lite version free, NotesPlus-\$4.99, DocAS lite version free, NotetakerHD – 4.99, Notesshelf – 4.99, Bamboo Paper – free, UPAD – lite version free.

Penultimate \$.99 This handwriting app for the iPad, gives you the ability to take notes, draw, or share ideas with your finger or a stylus. It offers a way to quickly make notes and email them. It offers different color pens and different paper (3 included or import an image as a template). You can save your writings in and infinite number of named notebooks with an infinite number of pages. Sort and scroll through pages or notebooks. One reviewer noted that she uses it to annotate photos. She takes a picture of her class and then checks off students who have turned in their assignment. She also takes screenshots of apps open and adds notes to parents or students on top.

<http://itunes.apple.com/us/app/penultimate/id354098826?mt=8>

Phatpad \$4.99 is a word processing app allows you to type and write. (It has handwriting recognition.) It also lets you save and rename documents. Use it to take pictures of worksheets and have the students complete them by typing or writing.

<http://itunes.apple.com/us/app/phatpad/id406459946?mt=8>

Puppet Pals (Free or \$2.99) Select your puppet characters, a background and begin recording. You can zoom and rotate your characters, choose different backdrops, and more. For the upgrade, you can take pictures of items in your environment or use pictures from your camera roll for characters and backgrounds.

<http://itunes.apple.com/us/app/puppet-pals-hd/id342076546?mt=8>

Storybuddy Lite (Free) Note that the lite verison only lets oyu create one story wile the paid verison lets you create five. This app lets you create, read and share stories on the iPad. You can draw a story or import pictures. Add customizable text with the keyboard. You can publish and share your story and flip through its pages like a real book.

<http://itunes.apple.com/us/app/storybuddy/id390538762?mt=8>

Storykit (Free) – This app allows you to create an electronic storybook. You can illustrate the story by drawing or using a photo. Sounds can be recorded. You can also upload and share your story with others. The app includes four public domain children's books that you can rewrite and

rearrange into your own new story.

<http://itunes.apple.com/us/app/storykit/id329374595?mt=8>

Story Patch (\$2.99) This app allows you to create your own stories. It includes hundreds of images, easy-to-use controls, and the ability to import photos. It also includes story themes to create stories with help. After a theme is selected, it asks a series of questions and builds a story based on the responses. It inserts the text, and the child illustrates. Export your story when it is done.

<http://itunes.apple.com/us/app/story-patch/id388613157?mt=8>

Textkraft (\$7.99) This app is designed as a writing aid to help users identify the right words. It is a text processor for your iPad that serves as an integrated working environment to import, write, correct, research and share text.

<http://itunes.apple.com/us/app/textkraft-deutsch/id419076729?mt=8>

Upad 4.99 and Upad lite (free) This app allows you to capture photo of a worksheet and have the student type or write their answers. It does not provide handwriting recognition. It includes palm rest options so you don't accidentally activate the screen when you rest your palm on the device. It has options for note pads with templates for taking notes, writing documents, etc. Book pad allows you to download your favorite books as PDFs and then open them in Upad and write on them, add memos, circle vocabulary words and more. Photo Pad allows you to import photos (including photos of worksheets) and add memos, comments, and more.

<http://itunes.apple.com/us/app/upad/id401643317?mt=8>

Writers Studio (\$1.99) This app features tools to help you create and publish your own books. It includes a text editor, painting tools, and the ability to import graphics. You can add sound through audio recording or importing music.

<http://itunes.apple.com/us/app/writers-studio/id371303544?mt=8>

Word Prediction & Writing

ShapeWriter Free - This word prediction app (similar to Swype, SlideIT and MessaEase) allows the user to type by drawing a pattern connecting the letters in a word instead of tapping each letter. The software follows the pattern you draw and figures out what they were trying to spell. It includes automatic spacing with capitalization and the ability to add new words and acronyms. It may no longer be available directly since the software was purchase by Nuance who intends to incorporate its technology into future designs.

<http://www.shapewriter.com/software.html>

Swype This application is similar to Shapewriter. It is available for Android devices and in beta version for iOS devices if you are willing to jailbreak your device. It allows the user to not type with a hunt and peck method but instead use their finger or stylus to swipe across the screen on the keyboard. The technology then types the word. It offers a faster and easier way to input words then typing and is designed to work across a variety of devices.

<http://www.swype.com/category/about/>

Here's a recent CNN article on it:

<http://www.cnn.com/2011/TECH/innovation/01/05/swype.kushler/index.html>

Typ-O \$14.99 This app features word prediction and text-to-speech. It is designed for individuals who are dyslexic and has a sophisticated spelling error model. The includes synthetic voices (text to speech) to allow the user to hear the word predictions before selecting them and check text before emailing or pasting it into other applications. The iPad version includes spell checking, file management and a selection of four synthetic voices.

<http://itunes.apple.com/us/app/typ-o-hd-writing-is-for-everybody/id372971659?mt=8>

Zen Tap \$2.99 is a word prediction app. It offers a sophisticated text editor with spell check. It includes 4 customizable key buttons and a template system. You can export content to your email. \$2.99 <http://itunes.apple.com/us/app/zentap-pro/id325697136?mt=8>

Text to Speech

SpeakIt! \$1.99 This text to speech app includes a keyboard to type. It allows you to change the text size and the rate of speech. You can also save phrases and repeat them back later. The speech quality is pretty good and you can pause and resume speech playback anytime. You can also adjust volume and speech rate to increase intelligibility. You can either type on the keyboard to create words and sentences or copy emails, documents, web pages, PDF files, and paste them into Speak it! and have it spoken back to you. Press the 'Speak' button to speak the text out loud. Four different voices included (American Male, American Female, British Male, British Female). You can also create MP3 recordings using this app and send those via e-mail. There are also 20 new voices that can be used with the application by downloading from directly from within the app itself. Speak it! 2.0 has new features for users with disabilities including landscape mode, ability to change font size, highlight words as they are spoken and much more coming in future updates. It includes French, Italian, German, and Spanish and the ability to use on a phone. Teachers have used this in the school to create a pre-made school announcement to play later with a press of a button.

<http://itunes.apple.com/us/app/speak-it!-text-to-speech/id308629295?mt=8>

Web Reader (\$1.99) – This app will read web pages to you. Options let you configure web pages to be read as soon as they are loaded, read pages manually after they are loaded, or use Cut, Copy, & Paste to read only sections of text. You can adjust the volume and the speed at which web content is read. Note, there is no integration with eBook apps like Kindle.

<http://itunes.apple.com/us/app/web-reader-text-to-speech/id320808874?mt=8>

Speech to Text Voice Recognition Apps

Dragon Dictation Free – This app offers an easy-to-use voice recognition option. It is powered by Nuance who makes Dragon® NaturallySpeaking®. Simply speak into the iPad, and Dragon's speech recognition software will turn it into text that you can put into an email, SMS text message, notes, etc. There web site indicates that speaking through Dragon is up to five (5) times faster than typing on the keyboard. You can dictate directly to email Facebook and Twitter or send notes to yourself with your voice. It supports numerous languages It requires iPhone OS 3.01 or later. Also, 3G or Wi-Fi is required. You must have Internet access for it to work. (Note: iPad has VoiceOver for text-to-speech build in)

<http://itunes.apple.com/us/app/dragon-dictation/id341446764?mt=8>

Dragon Go! (Free) - Siri herself doesn't actually manage voice recognition a product by Nuance (who makes Dragon) does that. Dragon Go is made by Nuance. It is as accurate as Siri, but not as sophisticated. It offers a voice interface to other web based services such as Google, yelp, etc. It also includes Dragon Diction, so you can dictate messages or longer notes which you can in turn send out via email, Twitter, Facebook, or SMS.

Google Search (Free) - The Google Search app for iOS offers a faster and easier interface for the iPad. It is still the same Google search but results are more easily viewed and images can be viewed in full size. In addition, it offers a voice search feature that is similar to what is found on Android devices. It offers Google Goggles. This allows you to take a picture of what you see to find more information. You can also search nearby to find places near you without typing your location.

<http://itunes.apple.com/us/app/google-search/id284815942?mt=8>

Simplenote Free – This app is useful to keep notes, lists, ideas, etc. Because it utilizes the icloud, your notes automatically synchronize with your computer and all your devices. Consequently, you can edit right where you left off. You can also use tags, pins, versions, and sharing. After you download it, you will be asked to create a free account. This allows your notes to synchronize with your computer. After you sign up, try creating some notes! Then use your computer to sign in at simplenoteapp.com. All your notes appear there, too. Changes you make will synchronize back and forth automatically. The free version of Simplenote slides a small ad to the top of your note list. If you like Simplenote, but you do not like ads, you can subscribe to Simplenote Premium. <http://itunes.apple.com/us/app/simplenote/id289429962?mt=8>

Siri – voice recognition program that is currently only available for the iPhone 4s. It is rumored that it will be available for the iPad2 and ipod touches in the future. It is currently in beta versions on the iPhone. It is described by apple as an “intelligent personal assistant that helps you get things done just by asking. It allows you to use your voice to send messages, schedule meetings, place phone calls, and more. Siri understands your natural speech, and it asks you questions if it needs more information to complete a task. Siri uses the processing power of the dual-core A5 chip in iPhone 4S, and it uses 3G and Wi-Fi networks to communicate rapidly with Apple's data centers.” <http://www.apple.com/iphone/features/siri-faq.html>. It is turned on by holding down the home button.

Note: There are several apps that mimic it's function for the iPad such as **Vlingo (Free)** – This voice-recognition app includes a cloud-based support. It offers much of Siri's function although it can't set reminders.

Talk Assist – Free This app is advertised as an alternative speech aid that provides a voice for people who cannot speak for themselves. It uses Text to Speech technology and speaks anything you type outloud. Phrases are automatically saved to a history tab, and frequently used phrases can be bookmarked for regular use. It is compatible with iPhone, iPod touch and iPad. It requires iOS 3.0 or later. It has only one voice (male). The screen is small (iPhone size) but can be enlarged on the iPad. It does include word prediction and spell checking but it was slow. It

does auto capitalize for you and repairs some spelling errors as you type but not most. It speaks the word prediction feature as it types. The male voice quality is disappointing.

<http://itunes.apple.com/us/app/talk-assist/id329338159?mt=8>

Voice Camera Pro (\$1.99) This inexpensive app allows you to control the iPad camera with your voice. Say “camera” to turn the camera on and “shoot” to take a photo. You can take multiple sequential photos by saying “double,” “triple,” and “quad. Unfortunately, you have to launch the app before you can use it so you do not accidentally take photos of the inside of your purse. It does not allow you to shoot video.

<http://itunes.apple.com/us/app/voice-camera-pro/id326703606?mt=8>

Voice Over (Free- comes installed on iPad) is a screen reader/voice capability built into the Apple OS X (operating system) to help individuals who have low vision or are blind. It is unique in that you don’t need to update it, it works in numerous applications, and offers access to developers. It features numerous accessibility features and is free and a part of all new Macs and the iPhone and iPad. It is a gesture based screen reader. Touch the screen to hear a description, tap two times to open. **Note:** When VoiceOver is turned on, gesture commands change and it speaks everything! It is challenging to shut off. For the blind it offers amazing features and options such as Adjustable speaking rate, over 36 languages built in support for refreshable braille displays, etc.

Mind Mapping (organizing thoughts for writing)

iBrainstorm (Free) This app allows you to brainstorm and share ideas across multiple devices.

<http://itunes.apple.com/us/app/ibrainstorm/id382252825?mt=8>

iBrainstorm Companion (Free) This app runs with iBrainstorm to allow users to connect to a running session of iBrainstorm on the iPad. It gives up to 4 people, the ability to create ideas on their iPhones and 'flick' them over to the iPad!

<http://itunes.apple.com/us/app/ibrainstorm-companion/id382260522?mt=8>

DropMind \$11.99 - This app is very similar to the other two listed. Its iTunes description says: “DropMind® is a mind mapping application for iPad that will help you visually capture, organize, and store ideas and information wherever you are.”

<http://itunes.apple.com/us/app/id364201083?mt=8>

iThoughts - \$9.99 (A free version is available for the iPhone but I couldn’t find one for the iPad). This app features mindmapping strategies by allowing the user to easily create linked bubbles of ideas. This robust application offers numerous features such as the ability to attach tasks and notes to each bubble, change colors, shapes, sizes, etc. It offers over 90 built in icons and 46 clip art images as well. You can add notes with hyperlinks to topics and create relationships between topics. It also includes the ability to expand and/or collapse branches to manage information. Please visit the website <http://www.ithoughts.co.uk> for more information, screenshots and videos. You can also export and import to numerous desktop applications and the icloud. <http://itunes.apple.com/us/app/ithoughtshd-mindmapping/id369020033?mt=8>

Read more: [iThoughts \(mindmapping\) for iPhone - Free iPhone software downloads and software reviews - CNET Download.com](http://download.cnet.com/iThoughts-mindmapping/3000-2124_4-75060941.html#ixzz1h7R0Prhs) http://download.cnet.com/iThoughts-mindmapping/3000-2124_4-75060941.html#ixzz1h7R0Prhs

Mindjet for iPad Free – This app lets you organize your thoughts, ideas, tasks, into visual maps that can be categorized, labeled and organized. It features cool finger slide creation so that you can just slide your finger to create a new topic. It integrates with Mindjet Connect and DropBox where you can see all folders and files. It is easy to organize your information by dragging and dropping topics. It offers the ability to edit, cut, copy, paste, and delete topics as well as expand and collapse branches. This app offers a lot for free! <http://itunes.apple.com/us/app/mindjet-for-ipad/id440272860?mt=8>

Art

123D Sculpt (Free for a limited time) This app offers an opportunity to sculpt anything using the iPad. Extremely realistic and a great alternative for those unable to physically sculpt. Choose a shape from the library of creatures, humans, vehicles, and more, then push, pull, pinch, and paint to make the sculpture your own. When you are done, take snapshots in the camera room or create animated QuickTime turntable movies to upload to YouTube or email to friends. <http://itunes.apple.com/us/app/123d-sculpt/id446119510?mt=8>

Bubble Harp (\$1.99) In this app, the user draws bubbles with their fingertips, recording and replaying movements while creating music. It's a combination of drawing, animation, music, art, geometry, and gaming. You can record long movements of a single point, or stream many points out of your fingertips like ink. When you tap the screen's edges, you can change from single points to streams of points, change graphic and sonic parameters, and post to Facebook. Multiple fingers and multiple people can touch the screen at once to create together. <http://itunes.apple.com/us/app/bubble-harp/id372531368?mt=8>

Doodle Buddy (Free) is a fun free drawing app that encourages you to draw with your fingers. It includes tons of color choices as well as stamps (with sound effects), text, games (hangman, tic tac toe, etc), drawing tools (chalk, paint, glitter, etc), and more. You can save your picture or export to email. You can draw on one of the backgrounds provided or import a picture from your camera role and draw on that. Includes advertisements in free version. <http://itunes.apple.com/us/app/doodle-buddy-paint-draw-scribble/id313232441?mt=8>

Drawing Pad \$1.99 – This app has won awards as an Apple favorite. It is advertised as a drawing app for all ages. It includes various backgrounds, stickers and more. You can purchase coloring books in the app store. <http://itunes.apple.com/us/app/drawing-pad/id358207332?mt=8>

Etch-a-Sketch Lite: FREE This is just like the Etch A Sketch you remember but it can be played on your iPad. This "Lite" version allows you to draw and color (full color, not just gray scale) with your finger or with the knobs! You can "shake to erase", and save up to 3 of your drawings. <http://itunes.apple.com/us/app/etch-a-sketch/id284829991?mt=8>

Photo Booth: (built into the iPad) This app allows you to use add visual effects to your photos. You can squeeze, mirror, twirl, etc. You can alter images from your library and save the changes you made. Be careful, it's addictive. To delete these photos, touch one and click the x in the corner.

<http://itunes.apple.com/us/app/fluid-fx/id383133211?mt=8>

SketchBook Free or Pro \$4.99 – This app is designed for digital artists as a professional-grade paint and drawing application. Although it was designed for professionals, it offers an intuitive interface and an easy to use application for drawing. The interface was designed exclusively for the iPad experience. Art teachers love this app!

<http://itunes.apple.com/us/app/sketchbook-pro-for-ipad/id364253478?mt=8>

Skrambler X \$2.99 – In this app, users assemble famous art masterpieces like a jigsaw puzzle. While putting the pieces into place, you can learn facts about the art, artists, and more.

<http://itunes.apple.com/us/app/skrambler-x/id364906411?mt=8>

Tesla Toy (\$1.99) – This app allows you to use your fingers to touch the screen and generate a powerful electrical field that makes the thousands of particles react. You can experiment with different numbers of fingers in different locations to create amazing effects. Activate different modes by using more than one finger at a time.

<http://itunes.apple.com/us/app/tesla-toy/id395767185?mt=8>

Uzu (\$1.99) This interactive app offers visual interaction with light and animation. It allows for multiple touchpoints.

<http://itunes.apple.com/us/app/uzu/id376551723?mt=8>

Science

101 Science (Free) - This great Science app is based on the book, 101 Things Everyone Should Know About Science. The app includes quizzes for 8-12 year olds on their Science knowledge. There are questions on Biology, Chemistry, Physics, General Science and Earth Science. There are only a set number of questions, but this is a handy revision tool that covers many aspects of Science in the classroom.

<http://itunes.apple.com/us/app/101-science/id334732710?mt=8>

3D Brain (Free) – This free app is super cool and on a favorite apps list at many sites. You can explore the brain and 29 interactive structures with a touch of your finger. Details include content on how each region functions, what happens during injury and content on mental illness. Each detailed structure comes with information on functions, disorders, brain damage, case studies, and links to modern research.

<http://itunes.apple.com/us/app/3d-brain/id331399332?mt=8>

3D Cell Simulation and Stain Tool (Free) – This app was featured by Apple as a top 5 higher education app. In it you can learn about the cell and its structures in a 3D tool. It includes a video library complete with video descriptions and products used to create cell stains. There is a 3D cell structure that you can explore, rotate and zoom in on. You can view the cell with labels

or without to test your knowledge of cell structures and then link on each structure to learn more about it. Finally, you can stain your own cell portion of the application.

<http://itunes.apple.com/us/app/3d-cell-simulation-stain-tool/id381129413?mt=8>

A Life Cycle (.99) This app is easy to use, intuitive and most importantly, provides educational content with great illustrations and narrations. It was created by a team of high school students, educators, and parents in Texas. It covers information on the life cycle with numerous examples such as frogs, water, butterflies, plants, pollination, photosynthesis, moon, nitrogen, oxygen, and more. The iTunes description indicates it is appropriate for children ages 2-10+.

<http://itunes.apple.com/us/app/a-life-cycle-app/id394578286?mt=8>

Bobo Explores Light \$4.99 – Another great app that has won lots of awards. Users can explore the value and dynamics of light through 21 in-depth topics including lasers, telescopes, lightning, reflection, bioluminescence, and sunlight. Developed by a team of educators, it features over 100 pages of original content, edited by a team of educators with decades of collective teaching wisdom. A robot named Bobo is your guide as you explore videos, articles, animations and trivia.

<http://itunes.apple.com/us/app/bobo-explores-light/id463809859?mt=8>

EMD Periodic table (Free) There are numerous periodic table apps out there but this one has won numerous awards and offers just a bit more. As in most periodic table apps, you can look up information on all the different elements. This app also features a classroom presentation mode, integrated molar mass calculator, Fahrenheit and Celsius options, atomic mass, etc. Users can learn about the chemical elements - from classification to element features to their history of discovery. It includes data such as relative atomic mass, melting point and boiling point, density, appearance and additional properties for each individual element.

<http://itunes.apple.com/us/app/emd-pte/id377393859?mt=8>

Frog Dissection \$3.99 – If you attended the way cool web site trainings, this was a favorite. Now it is available for the iPad and has won lots of awards. It is designed for middle-school students who are learning about organs and organ systems. Users can dissect a virtual frog using traditional dissection tools. Once dissection is complete, the frog's organs are exposed for further study. The app also provides content on different types of frogs, life cycles, quizzes, etc.

<http://itunes.apple.com/us/app/frog-dissection/id377626675?mt=8>

Google Earth (Free) This app allows you to see the world. You can explore satellite imagery for over half the world's land mass. You can also search for places and businesses using Google Local Search and link to geo-located Wikipedia articles.

<http://itunes.apple.com/us/app/google-earth/id293622097?mt=8>

GoSkyWatch Planetarium Free or full version for \$3.99 –The app uses your current location and angle orientation of the iPad to identify and locate stars, planets, constellations. It includes special features such as red light mode to preserve night vision, magnitude adjustment for viewing conditions, planets shown with relative brightness for easy identification, touchless navigation, heads up information display, full 180 degree display to see at a glance what is in the sky and where. The free version does not include all the stars, only A-C but is a robust app.

<http://itunes.apple.com/us/app/goskywatch-planetarium-for/id364209241?mt=8>

iLearn Solar System – (Free) or full version for \$1.99 iLearn SolarSystem teaches the Solar System. Astronaut Ashley teaches about the planets and the Solar System. The ability to read is not required. In the Lite version, Astronaut Ashley educates about the solar system, sun, moon, Mars, and revolution. There is also a guessing game with Ashley and Zooby the alien.

<http://itunes.apple.com/us/app/ilearn-solar-system-hd-lite/id406364664?mt=8>

Watch a video of the app: <http://www.youtube.com/watch?v=xZhgcqyrP4E>

Molecules (Free) – This app allows the user to view 3D molecules and manipulate them with your fingers. You can rotate, zoom in or out, or pan the molecule by moving two fingers across the screen at once. New molecules can be downloaded from either the RCSB Protein Data Bank (<http://www.rcsb.org/pdb>), an international repository of biological molecules and their 3-D structures, or NCBI's PubChem (<http://pubchem.ncbi.nlm.nih.gov>), a public database of compounds. Molecules can be downloaded directly to your handheld device and stored there for later viewing. For more details, visit their website.

<http://itunes.apple.com/us/app/molecules/id284943090?mt=8>

NASA App HD (Free) This amazing app from NASA allows to view thousands of NASA's incredible images, video, NASA launch mission information and countdown clocks and Twitter feeds. It requires WiFi or 3G network connection. You can also view live streaming of NASA TV International Space Station (ISS) and earth orbiting satellite tracker.

<http://itunes.apple.com/us/app/nasa-app-hd/id387310098?mt=8>

NASA Visualization Explorer (Free) - This amazing app allows you to view stories about advanced space-based research. This app includes cutting edge research stories with new stories added every week.

<http://itunes.apple.com/us/app/nasa-visualization-explorer/id448700202?mt=8>

PBS for iPad (Free) This app lets you connect and watch numerous PBS shows from your iPad. This includes more than 300 videos, including full-length episodes, segments and previews with new content updated daily such as first episode of Brian Greene's "The Fabric of the Cosmos". Original online series, including Nova Science NOW's "Secret Life of Scientists" and "FutureStates" from INDEPENDENT LENS. Watch the most popular PBS programs free and with minimal interruption. <http://itunes.apple.com/us/app/pbs-for-ipad/id398349296?mt=8>

Pocket Frogs (Free) This app offers a unique opportunity to discover, collect, trade, and breed over 15,000 unique frogs on your iOS device, anytime, anywhere! You can trade frogs and habitat items with friends, breed a diverse and unique collection of frogs, play anytime, online or off, customize and decorate each of your frog habitats and earn over 60 challenging awards to earn.

<http://itunes.apple.com/us/app/pocket-frogs/id386644958?mt=8>

Science 360 (Free) This app was created by The National Science Foundation (NSF) for the iPad. It offers images and video from around the globe and a news feed. Content is either produced by NSF or gathered from scientists, colleges and universities, and NSF science and

engineering centers. Because of the quality of the video and pictures, it requires a strong Wi-Fi connection. The user interface is unique in that it offers a 360-degree panorama of options you scroll through. Note arrows on items that have video attached.

<http://itunes.apple.com/us/app/science360-for-ipad/id439928181?mt=8>

Sky View (Free) – This is a stargazing app that allows you to utilize the iPad camera to identify objects in the sky including stars, constellations, and satellites.

<http://itunes.apple.com/us/app/skyview-free-explore-universe/id413936865?mt=8>

Solar Walk – \$2.99 (on sale this month for \$1.99) This app is similar to Star Walk (described above except that instead of information on stars, it offers content on the planets. It includes the ability to explore space and see the planets close up. Each planet includes numerous details.

<http://itunes.apple.com/us/app/solar-walk-3d-solar-system/id347546771?mt=8>

Star Walk \$2.99 – Utilizing the iPads built-in compass, this app allows you to literally point your iPad at the sky and see what stars, constellations, and satellites you are looking at in real-time. Tilting and turning your iPad gives you a new view of the universe around you. Utilizing the Time Machine options, you can also see what the sky looks like at any moment in the past or future and see pictures in outer space. One of the best options is the ability to search for items and see where they are in the sky right now. Use apple TV to connect a second display to view the sky on a big screen and air print to print what you see. *No internet connection is required*

<http://itunes.apple.com/us/app/star-walk-5-stars-astronomy/id295430577?mt=8>

Video Science (Free) – This app contains a growing library of over 80 hands-on Science lessons that for home and classroom. These short videos demonstrate inexpensive and easy to recreate experiments. Download videos for offline viewing. Note: these are done by a science teacher who works for a company that sells products to do experiments. The marketing is there but not over the top. . If you are looking for fun science experiments to watch or ideas to replicate, there are some cool videos here with lots of teaching attached. The videos are large so you'll want to download them to your iPad by clicking on the export icon button before showing them. Some are also pretty simple so be sure to view them first before showing them.

<http://itunes.apple.com/us/app/videoscience/id333284085?mt=8>

Social Studies

Constitution for iPad (Free) – This free app offers a searchable copy of the United States Constitution. It does include ads.

<http://itunes.apple.com/us/app/constitution-for-ipad/id363287472?mt=8>

Declaration for iPad (Free) – This free app offers a searchable copy of the United States Declaration of Independence. It does include ads.

<http://itunes.apple.com/us/app/declaration-for-ipad/id367735045?mt=8>

National Geographic World Atlas. \$1.99 This app allows you to view and study maps of the world, continents and countries. Through high-resolution images, you can explore the world. It even has a 3D globe that you can spin and zoom in or out. It includes 3 different styles of world

maps including classic (blue-ocean), executive (antique-inspired) and satellite images. It allows viewing down to a country-level but requires an internet connection to view continent-level maps. It also includes content on flags and facts, which offers geographic and socio-economic data updated regularly. Touch-and-hold a place to pop-up the flag-and-fact page. You can also bookmark favorite places with pushpins and notes.

<http://itunes.apple.com/us/app/world-atlas-by-national-geographic/id342272934?mt=8>

Stack the States - \$.99 In this app, users learn about the 50 states including content on the capitals, shapes, geographic locations. It is set up in a game format where you try to earn all 50 states and unlock bonus games.

<http://itunes.apple.com/us/app/stack-the-states/id381342267?mt=8>

The Presidency (Free) – This app provides historical information for the 44 United States Presidents. It is designed as a reference tool with historical information.

<http://itunes.apple.com/us/app/the-presidency/id370072846?mt=8>

World Factbook \$.99 This app takes advantage of the CIA fact book, a free government publication which they have recreated on an app. It features information about over 250 countries, in a searchable organized format. Topics addressed include natural resources, industries, GDP, religion, ethnic groups, legal system, etc. Key data are grouped under the headings of introduction/background, geography, people, government, economy, communications, transportation, military, transnational issues.

<http://itunes.apple.com/us/app/the-world-factbook-2012/id310064645?mt=8>

Communication

Speech Production/Articulation

ArtikPix Lite version is free, full version is \$29.99 and includes 21 decks of flashcards with 40 cards each (113 cards in r deck, 913 total cards). It includes the following sounds: th, f, v, ch, sh, k, g, s, z, l, r, s-blends, r-blends, l-blends, p, b, m, n, t, d, j. for th, ch, sh, f, g, v, and k. Or, you can also purchase just the cards you want which vary in price from \$1.99 to \$11.99. This app provides flashcards and matching activities for articulation therapy. The advantages of this app are its data collection features which allow group scoring with up to four children at one time. It can be used individually or in therapy. The graphics are easy to see and brightly colored. The free version comes with a few “th” cards but to get more you must purchase sounds. It allows you to record the child’s speech, rate it as smily face or frowny face and save that data for later. You can practice the sound in initial, medial, and ending positions in words. There are also matching activities with the cards. <http://itunes.apple.com/us/app/artikpix/id383022107?mt=8>

Articulate It! \$49.99 This app was created by a speech-language pathologist. It includes photo based flashcards with all the English phonemes and over 1,200 photo cards. There is an option to collect data in written notes, graphs and recordings of the client’s speech. This app offers the potential for individual or group work. The clinician can choose sounds to work on based on phonological processes or manner of articulation. <http://itunes.apple.com/us/app/articulate-it/id391296844?mt=8>

IRecorder (\$2.99) This app offers a quick and easy to use recorder with Wi-Fi transfer to any computer. There is no limit to recording length. It includes the ability to share files via iTunes and email recordings. Usability features are nice as it vibrates when recording begins and allows you to pause and resume during recording and playback.

<http://itunes.apple.com/us/app/irecorder-pro-pocket-voice/id285750155?mt=8>

Phonopix \$24.99– Created by the developer of articpix, this app focuses phonological processes. Just like articpix, it contains decks of cards with targeted sounds. This app has 10 decks with 40 minimal pairs in each (400 total pairs) for the following phonological processes: prevocalic voicing, word final devoicing, final consonant deletion, fronting (palatal and velar), marked blend reduction, unmarked blend reduction, gliding (“l” and “r” sounds), stopping, backing (palatal and velar), and initial consonant deletion.

<http://itunes.apple.com/us/app/phonopix-full/id418845571?mt=8>

Pocket SLP Artic \$29.99 This app offers over 2100 articulation flashcards that can be selected by phoneme and position. There is the capability to score pronunciations as correct or incorrect, as well as scoring approximations. In addition, (and this is pretty cool), it offers an illustration of articulator position for each phoneme. Data that is collected is presented in a summary screen that includes percentages. It offers the ability to save and export to email.



Quick Artic (Free) This free iPhone application is designed for Speech Language Pathologists to work on articulation skills. It contains 566 images tagged with titles and categorized by “phonemes”. It includes a scoring utility which keeps track of the correct and incorrect answers and it automatically calculates the score. The application includes ten most common phonemes in all positions of words. It can be used in therapy or for quick articulation screening. It contains clear photos of objects. Note: To activate the application Speech Language Pathologists must register at Virtual Speech Center website at: <https://www.virtualspeechcenter.com/register.aspx>
<http://itunes.apple.com/us/app/quick-artic/id455333782?mt=8>

Small Talk Phonemes (Free) This app includes numerous videos illustrating the correct position of mouth structures for production of a sound. The videos are accompanied by exercises for practice. This app is made by Lingragraphics who also make numerous other speech apps such as Small Talk Aphasia, Oral Motor Exercises, Conversational Phrases, Daily Activities, Intensive Care, Pain Scale, and more.

<http://itunes.apple.com/us/app/smalltalk-phonemes/id384170714?mt=8>

Songify (Free) This app converts spoken language into a song. Several SLP’s are using it with clients to encourage speech production.

<http://itunes.apple.com/us/app/songify/id438735719?mt=8>

SpeakAP (\$4.99) This app allows you to listen to correct pronunciation, record your speech and playback the recording to practice. It includes over 400 English words with a visual depiction of the phonetic transcription marked on the waveform for easy learning. This app analyzes pronunciation and allows you to practice as well. Note: You need to be connected wirelessly as it uses “the cloud”, the same way Dragon does!

<http://itunes.apple.com/us/app/speakap-analyze-pronunciation/id474079009?mt=8>

Talking Tom Cat (Free) This darling cat is a favorite among kids of all ages. He literally repeats everything you say. This app also allows you to record the session to playback later. It is useful for teaching turn-taking, articulation, voicing, etc. You can also pet him, poke him or even pull his tail for extra fun! When he is recording, he holds his hand up to his ear to listen. Also, can get similar apps called Talking News, Talking Roby, Talking Carl, Harry the HedgeHog, etc. Patrick Black on QIAT made a BM board that has all the choices they can say: <http://teachingall.blogspot.com/2010/12/phineas-ferb.html>
<http://itunes.apple.com/us/app/talking-tom-cat/id377194688?mt=8>

Toontastic - \$.99! Many speech pathologists are using this app in articulation therapy. They allow the child to choose a background and characters and then they write a story about it. They help the child to include targeted sounds. Kids love the app and it allows a method to work on sounds in context. This is also a great app for working on literacy and storytelling skills. In the app, you pick a background theme, characters, etc. and then use the record button as you move the characters and tell the story. When they are done, Toontastic will play back their animation and voice as a cartoon which can be uploaded and shared.
<http://itunes.apple.com/us/app/toontastic/id404693282?mt=8>

Language

Action Movie FX – (Free) This creative and free app is truly fun. Video tape any activity using this app add movie special effects such as missiles attaching, rocks exploding and cars crashing. Kids (and adults) love to see their videos explode.
<http://itunes.apple.com/us/app/action-movie-fx/id489321253?mt=8>

ABC PocketPhonics \$2.99: This darling app helps children work on identifying letter sounds & writing. Activities motivate through positive first letters and words. The lite version offers fewer features but gives a good indication before you buy. This app adheres to the “synthetic phonics” teaching method - the keystone of the “Reading First” part of the “No Child Left Behind Act”. It offers a follow my lead method of writing and says the letter sound.
<http://itunes.apple.com/us/app/abc-pocketphonics-lite-letter/id302689971?mt=8>

Clean Up:Category Sorting (Free) This simple app offers a tool for teach categorization. The app asks “Where does this go” as it presents photos of real objects and a potential place to put them.
<http://itunes.apple.com/us/app/clean-up-category-sorting/id404057271?mt=8>

Fun with Directions (Lite version is \$.99, full version is \$9.99) This fun app was created by an SLP to work on practice listening, following directions, working memory and the auditory processing of language in a fun interactive app. The app offers simple to complex directions with rewards. The Lite version contains two concepts: “give” and “touch.” The app offers three levels of play. Pictures and animation target younger children.
<http://itunes.apple.com/us/app/fun-with-directions-hd-lite/id478249055?mt=8>

Grammar Dragon (Free) This game based app allows the user to work on grammar skills within a game setting. The object of the game is to rescue all your friends from levels in the castle by identifying different parts of speech. Works on skills through sixth grade. This group develops games based on the Virginia State Standards for reading and writing and they are all FREE! (Paid for by a grant in Virginia) Other similar games by them include: Same Sound Spellbound (homophones), Opposite Ocean (antonyms), Grammar Dragon (parts of speech), Portion Platter (fractions and decimals), Factor Race (binomial and trinomial equations), Spelling Cat (spelling), Same Meaning Magic (synonyms), and Aesop's Quest (reading comprehension).

<http://itunes.apple.com/us/app/grammar-dragon/id397730260?mt=8>

Idioms (Lite is free, paid is \$2.99) – This app offers a chance to learn about English language idioms and practice common questions in a timed or untimed quiz. Users can practice by category such as Top 100 Idioms, Animals, Business, Clothes and Color, Food, Legal, and Negotiations.

<http://itunes.apple.com/us/app/idioms-lite/id339391993?mt=8>

House of Learning (\$6.99) This app was designed by a speech pathologist to teach vocabulary such as prepositions. It is an interactive app include a doll house with characters and items to add. Useful in teaching storytelling, following directions, and more.

<http://itunes.apple.com/us/app/house-of-learning/id452080937?mt=8>

Kids Learning to Read - Little Reader 3 Letter Words, \$.99 This app offers a fun and easy customization within an interactive game to help users learn how to recognize and read words all with just the touch of their finger. You can add your own voice to customize it even further. The app includes over 150 three-letter words, audio hints where the word is read aloud on touch on or off, and more.

<http://itunes.apple.com/us/app/kids-learning-to-read-little/id430616830?mt=8>

Lets Name Things (Free) This app includes 52 cards to help students practice vocabulary, categorizing, and thinking skills. The prompts include statements like, “Let’s name... things that live in the ocean.” and “Let’s name... things you’d take on a trip.” The app collects data on students that can then be emailed out.

<http://itunes.apple.com/us/app/lets-name-things-fun-deck/id454450994?mt=8>

My Playhome: Free for lite version with just two rooms and \$2.99 for the full house. This app features a great doll house that allows the user to interact with the dolls. Almost everything on the screen is interactive (make meals, eat, brush teeth, etc). Turn on the lights and the shower, fry an egg, and more. No ads, no in app purchases. <http://itunes.apple.com/us/app/my-playhome/id439628153?mt=8>

Phonics Genius (Free) – This app features over 6,000 words grouped by phonics sounds. You can also add your own cards and record the word production. The words do not have pictures with them, words only.

<http://itunes.apple.com/us/app/phonics-genius/id461659980?mt=8>

Preposition Remix (\$9.99) This app was designed by a Speech Pathologist to help children learn prepositions while playing and having fun. Prepositions Remix provides practice with 20 of English most commons propositions.

<http://itunes.apple.com/us/app/preposition-remix/id418788789?mt=8>

Speech with Mile:Verbs (\$2.99) This app was designed by a Speech-Language Pathologist, to teach verbs. In this app, a mouse named Milo performs over 100 actions.

<http://itunes.apple.com/us/app/speech-with-milo-verbs/id405441288?mt=8>

Splingo (\$2.99) This app was designed by Speech and Language Pathologists as an interactive game to help children learn listening and language skills. The alien instructor guides language learning. Users enjoy completing tasks to help Splingo the alien build a spaceship and travel home. Concepts taught range from early language development, e.g. single word recognition, to more complex, e.g. instructions combining several aspects of language at once.

<http://itunes.apple.com/us/app/splingos-language-universe/id457526530?mt=8>

Starfall ABCs, \$2.99 This popular web site exported its ABC section as a universal app. Users see, hear, and interact with letters and sounds in words, sentences, and games. They learn to recognize letters

<http://itunes.apple.com/us/app/starfall-abcs/id395623983?mt=8>

Story Builder \$7.99 This app is designed to help improve story writing skills such as paragraph formation; integration of ideas; and 3 higher level abstractions by inference. Numerous audio clips target auditory processing Users can record their story in their own voice, save stories to listen to later, and send to teachers and friends via email. It includes 50 distinct story lines to create narrative from and 500 audio clips of questions to guide that narrative. It also includes a question and answer option. **Note** this developer also has created Language Builder - \$7.99, Sentence Builder - \$5.99, Question Builder - \$5.99, Preposition Builder - \$9.99 and Conversation Builder - \$9.99

<http://itunes.apple.com/us/app/story-builder/id377631532?mt=8>

Storykit (Free) – This app for the Iphone and iPod Touch allows you to create your own story using your own pictures. You can add audio and written text to every page of your story.

<http://itunes.apple.com/us/app/storykit/id329374595?mt=8>

Tapikeo (Free or .99) - With this app you can create your own album and books, It includes both text and audio options. The best part is that you can lock the content so that it cannot be edited or deleted accidentally. It also includes easy navigation buttons in the albums.

<http://itunes.apple.com/us/app/tapikeo-create-your-kids-their/id447627326?mt=8>

Viddy (Free) This app offers a simple tool to capture and edit videos using your iPhone or iPad. Includes the ability to adjust many features as you capture the video (focus / exposure / white balance settings, audio metering, etc.) and to create special effects when you edit (visual effects, music, transitions, and even movie stars to your videos). Share quickly via Facebook, twitter, YouTube, etc. This app is a fun therapy tool for speech language pathologists.

<http://itunes.apple.com/us/app/viddy/id426294709?mt=8>

Where's my water (Free) This fun app teaches problem solving skills. It features Swampy the Alligator who lives in the sewers under the city. He likes to take a shower after a hard day at work but the other alligators have damaged his plumbing and disrupted the water flow. Help Swampy by guiding water to his shower!

<http://itunes.apple.com/us/app/wheres-my-water-free/id467810884?mt=8>

Word SLapPs (\$4.99) Word SLapPs Lite is used to teach vocabulary words specific to your child's world with images that you choose. Use your own images and organize them into customizable categories and pair them with your own recorded questions. Easy to use, Word SLapPs is designed by an SLP and modeled after Discrete Trial teaching. Children touch target images and are rewarded with sounds and/or visuals. Target vocabulary words alone or with up to five other images to increase difficulty. Word SLapPs comes pre-loaded with two categories, colors and animals to start with, and many others for you to create yourself!

<http://itunes.apple.com/us/app/word-slapps-vocabulary/id413888079?mt=8>

AAC

Note: there are several helpful resources on evaluating AAC apps. Be sure to follow best practice with a complete assessment to determine the needs of the individual first. It is important to match the app to the individual, not the other way around.

There was a webcast on AAC Apps which was posted to the AAC-RERC YouTube channel. You can find out more about it at: <http://aac.psu.edu/?p=841>

The AAC-RERC white paper on Mobile Devices and Communication Apps is also a very thorough discussion: <http://aac-rerc.psu.edu/index.php/pages/show/id/46>

AACTech has a fee-based product called "app assistant" that lets you compare apps.

<http://www.aactechconnect.com/>

Alexicom AAC (Free app with option for subscription, \$40 a month with no contract or \$408 per year) This app is designed to accompany a subscription that allows you to make your own communication pages. The app is designed so that you can publish your Alexicom augmentative communication pages to your iPad, iPod, or iPhone. Information is available in the cloud and can also be used on devices. Alexicom Tech has over 7000 images, including symbols for abstract words. There are tons of free features included in the apple and android apps. If you want to subscribe you can get even more pre-made page sets and editing tools. They offer over 1,200 pre-made pages and over 7,000 images with text-to-speech output in 20 voices and five languages. Once the pages are on your device, a data connection is no longer required. (Full access to the Alexicom server requires an active Alexicom account, however this app includes 32 demo pages, which are accessible immediately.) The creation and editing process are internet-based, so you can edit the users pages without ever taking their device.

Note: Currently anyone who does AAC evals, has an AAC library or does demonstrations can get full free access to Alexicom to show potential users.

<http://itunes.apple.com/us/app/alexicom-aac/id395122088?mt=8>

Answers:YesNo (Free or upgrade for \$1.99) – This app appears simple on the surface with just a yes/no option but it offers the ability to customize the two buttons with pictures and audio for a fully functioning binary ACC communication device at no cost. The upgrade allows you to save up to 24 custom buttons, 12 with pictures and text, and 12 with text in addition to the Yes-No buttons which are always available.

<http://itunes.apple.com/us/app/answers-yesno-free/id474384124?mt=8>

AutoVerbal Pro: \$9.99. This app uses multiple sliding ribbon/bars for the user to choose and build phrases. The latest version includes the use of custom photos. It includes male & female voices. The app comes with numerous built-in phrases organized by category. You can customize the first row of buttons to speak custom messages such as your name, address, family. Etc. You can utilize premium voices when the Internet is available, otherwise, standard built-in voices. <http://itunes.apple.com/us/app/autoverbal-pro-talking-soundboard/id368727888?mt=8>

Click n Talk (\$2.99) This app is designed as an AAC app to allow users to attach text and voice to individual pictures, and organize photos in photo albums. This app came highly recommended by an AT specialist in Colorado who said, “I like it because you can lock out editing features. You can import pictures or take pictures within the app. The navigation is simple point to left n right arrows within an album and sliding up and down to select the album. The only thing I have found that's a negative is the first picture you put in is the album cover and you can't reorder the pictures once in the album so plan them well. I use it all the time to provide directions to craft activities, tell stories about classroom activities and families use it to share weekend news.”

<http://itunes.apple.com/us/app/click-n-talk/id416650367?mt=8>

Expressive; \$34.99 This AAC app is designed to be user friendly for the AAC user as well as parents and service providers. Includes images with audio files and the ability to create your own folders and add and arrange images in folders. You can record audio for images and hide buttons. Currently 600 vocabulary pictures are included.

<http://itunes.apple.com/us/app/expressive/id398345416?mt=8>

Grace: \$37.99. In this app, users can select pictures to communicate. The goal of the Grace App is to encourage independent social interaction with the user taking control of what they want to say. Users can use each picture isolated or combine a set of pictures to make phrases. Grace App comes with a basic vocabulary of pictures, but it can be fully customized using the device camera, stored photographs or images saved from the internet and added to your device album. The app works in real time. The user can select their cards, and then rotate the ipad to present them in a sentence.

<http://itunes.apple.com/us/app/grace-picture-exchange-for/id360574688?mt=8>

iComm (Free, with upgrade to add audio for \$7.99 - \$29.99) Use this app to create a simple picture based communication system using photos and words, both written and spoken. Take a photo with the iPad, import it into a screen of 2 literally within seconds and add a voice recorded over it (in the upgrade version only). It comes with a little content included for everyday communication such as yes, no, more and finished. It includes 20 categories in full version (in-

app purchase to upgrade) or 9 in free version

<http://itunes.apple.com/us/app/icommm/id351726761?mt=8>

ICommunicate: \$49.99. This app includes the ability to design visual schedules, storyboards, communication boards, routines, flash cards, choice boards, speech cards, etc. You can record your own audio for pictures and boards. It allows you to record your own voice and use text to speech with 20 voice options. It has a 10,000 image library included or you can import your own pictures.

<http://itunes.apple.com/us/app/icommmunicate./id364186415?mt=8>

iMean \$4.99– This app includes an on-screen keyboard with word completion. It was developed by the father of a boy with autism. It includes four views, a large keyboard in alphabetical order, a full-screen qwerty keyboard, a numeric view for entering numbers and an editing view that makes use of the standard iPad QWERTY keyboard as well as the Apple-built edit, select and copy functions which can be used to transfer the text to other applications such as word processing and mail.

<http://itunes.apple.com/us/app/imean/id364906155?mt=8>

iPacs \$9.99 – This app is designed as an iPad alternative to Pecs. You can customize information to the users interests and needs. Currently too new to evaluate but looks promising.

<http://itunes.apple.com/us/app/ipacs/id322441370?mt=8>

Look to Learn: \$14.99. This app creates simple “I want” statements, paired with a photo and voice. It includes 6 categories. This app uses photographs preloaded vocal output and the ability to record your own personalized audio and pair it with photos.

<http://itunes.apple.com/us/app/look2learn-aac/id319600029?mt=8>

My Choice Board, \$9.99 This communication app allows you to create and save boards with up to 6 choices. Each board has a phrase “I want” and then images as choices with optional checklist. You can import images from your camera, the Internet, or photo albums.

<http://itunes.apple.com/us/app/my-choice-board/id384435705?mt=8>

My Pictures Talk \$4.99 - You can create stories with pictures, audio, and video. Also use it for video modeling wanted behavior. It allows you to document trips, adventures, class trips or create your own stories. Create talking photo and video albums, or use as a teaching tool to help promote wanted behaviors.

<http://itunes.apple.com/us/app/my-pictures-talk-video-modeling/id368388315?mt=8>

My Talk Mobile and Workspace. \$49.95 with one year upgrade. Works with My Workspace to design and sync boards. \$9 a month, \$75 a year or \$175 3-year. (**My Workspace free to SLP’s with ASHA number**) Has Lite version free. Pricing is confusing and changes so check the iTunes store for more info. This app includes stand alone software and a 30 day trial of optional MyTalk Workspace. They allow you to customize communication through a variety of images, pictures, symbols, video and audio files including human voice. All information is backed up on MyTalk Workspace. It includes switch capability with visual scan.

<http://itunes.apple.com/us/app/mytalktools-mobile/id324286288?mt=8>

MyTalkTools Mobile Lite (free) and full version \$49.99- This app offers a 30 day fully functional version (lite) to try that is limited to 20 cell capacity with one or two boards. This app has a lot of nice features including an online board making tool, video tutorials. This app is easy to use and modify with great online support.

<http://itunes.apple.com/us/app/mytalktools-mobile-lite/id376401959?mt=8>

PCS Bingo (Free for small set. \$.99 per set for more) This app offers a fun way to help children learn the Picture Communication Symbols (PCS™) that they may have on their AAC device (Boardmaker software, DynaVox communication devices and other AAC devices) through Bingo. The company offers and includes 4 free Bingo Boards: Animals (Vocabulary), B (Articulation), Alphabet (Language), Rhyming Words Sample Deck (Rhyming). Over 60 additional Bingo boards are available for purchase directly in the app including those organized for articulation work. They offer several other apps like this on the iTunes store.

<http://itunes.apple.com/us/app/pcs-bingo/id453920859?mt=8>

PRC Core Words (Free) This app was developed by Prentke Romich Company maker on numerous AAC devices. It offers a vehicle to teach AAC in stages of normal language acquisition. It utilizes the icons from the PRC language package Unity and includes videos and instructions for helping children learn AAC.

<http://itunes.apple.com/us/app/language-lab-core-words/id474446989?mt=8>

Pictello - \$18.99. With this app you can make your own talking photo album. You record your messages and add them into your own photos. It is very easy to use.

<http://itunes.apple.com/us/app/pictello/id397858008?mt=8>

Point to Pictures (\$29.99) This app by RJ Cooper's app is designed as an AAC training app to teach students to learn to point to pictures.

<http://itunes.apple.com/us/app/point-to-pictures/id479371604?ls=1&mt=8>

Proloquo2Go \$189.99 – One of the first robust AAC apps on the market, it is also one of the most well known of all of the apps. This app is categorically organized and comes with pre-made vocabulary pages. In it you can edit and customize buttons to make it more unique to the user. It offers a good dynamic screen display program which provides many different options for communication, including with or without pictures or symbols. It allows for a ton of customization as the words or icons can be laid out in rows or a grid. The layout, number of icons, words and pictures can all be changed to suit your needs. Font and icon sizes can be changed. There are many different settings for speech and voices.

<http://itunes.apple.com/us/app/proloquo2go/id308368164?mt=8>

If you more information or customization help, there are literally hundreds of videos and resources both on the Proloquo website and the web in general. Proloquo website videos:

<http://www.proloquo2go.com/resources/article/introductory-videos>

Note: A company named Lasered Pics is now making keyguards that can be customized for use with Proloquo2Go.

<http://www.laseredpics.biz/servlet/the-2564/proloquo-proloquo2go-keyguard-adaptive/Detail>

Sono Flex app by Tobii ATi. (Free Lite version or new full version approximately \$100) This app is based on the Tobii Sono Flex software. This app is designed as an AAC app that turns

symbols into speech. It includes both core and fringe vocabulary. They also offer numerous training videos on the tobii website.

Combines core and topic-based vocabulary in a unique and dynamic way. The app includes more than 11,000 SymbolStix® symbols, allows use of the camera and photo albums to create your own symbols. It includes 5 US English voices: one boy, one girl, two women and one male voice. You can develop within Tobii Sono Flex into other Sono Suite products.

<http://www.tobii.com/en/assistive-technology/north-america/training/?product=21476>

<http://itunes.apple.com/us/app/sono-flex-lite/id463709444?mt=8>

Sounding Board - \$49.99 You can make communication boards and then link them together. Boards allow up to 9 symbols per page. It comes with pre-loaded communication boards, linkable symbols, and switch access and the ability to customize. This app uses the picture library from AbleNet, which reviewers indicate can be limiting. It also allows you to import your own images from the camera/internet. It includes the ability to scan. AbleNet is reportedly developing pre-made boards to purchase and download for this app. Note: Blue2 Bluetooth® Switch Access: AbleNet's new Bluetooth switch is specially configured to provide single or dual switch access to SoundingBoard™ as well as any other compatible app.

<http://itunes.apple.com/us/app/soundingboard/id390532167?mt=8>

SpeakIt! \$1.99 This is a text-to-speech app. You simply type in your message and press speak. It can save and store phrases and is very easy to use. It includes several voices for text to speech but no word prediction. It also allows you to send the audio files you have created in an email

<http://itunes.apple.com/us/app/speak-it!-text-to-speech/id308629295?mt=8> .

TapSpeak Button Standard or Plus, \$14.99 or \$49.99. This app essentially turns your device into a single message communicator like the BIGmack button. It places the button on your screen and then overlays an image on it. You add a recordable message which activates when tapped. The standard version uses your images, the plus version uses the Boardmaker library. Note that you need to purchase separate app for iPad vs iPod

<http://itunes.apple.com/us/app/tapspeak-button-standard-for/id428769786?mt=8>

TapSpeak Sequence for iPad \$29.99 and TapSpeak Sequence Plus, \$49.99 This app turns your device into a sequencer, similar to the step-by-step communication device. It includes re-sizeable and moveable visual targets, an unlimited number of sequences, the ability to use your own images and drawings, and unlimited phrase recording and sequence length. The Plus version includes 4500 images from the Mayer Johnson Boardmaker library for building sequences.

<http://itunes.apple.com/us/app/tapspeak-sequence-standard/id379541810?mt=8>

TapSpeak Choice, \$149.99. This app allows you to make your own communication boards with PCS symbols. Each page can have up to 56 symbols per page. You create boards using Boardmaker symbols with a speech window at the top to build phrases.

<http://itunes.apple.com/us/app/tapspeak-choice-for-ipad/id408507581?mt=8>

TapToTalk (Free, \$99.95 for one year or \$179.95 for lifetime) This app comes with a few, very simplistic communication pages already built in but you can pay once and then make your own pages online. To the user, it behaves like most AAC software. But the design phase is

handled through their website and can be a little cumbersome. You can upload and use your own images and record your own voices.

<http://itunes.apple.com/us/app/taptotalk/id367083194?mt=8>

TouchChat HD \$149.99 This sophisticated AAC app can grow with the communicator. Programming is fairly easy and content can be hidden as needed. It also has an editor that is PC based. It comes with four vocabulary files and includes a vocabulary set from Gail Van Tatenhove. It also includes word Prediction. There are also two add on apps for additional prices. It comes with 5 English and 2 British voices. Buttons are programmed to have specific actions such as speak a message, navigate to a different page, change the volume or clear the display. Four page sets are included with the TouchChat: VocabPC, MultiChat-15, Primary and Spelling. Each page set targets individuals with different communication needs. Additional page sets including WordPower and Essence are available as in-app purchases. Over 10,000 Symbolstix symbols are included for customizing buttons. Use any image or take a photo with the built-in camera. <http://itunes.apple.com/us/app/touchchat-aac/id377558828?mt=8>

Verbal Victor (\$6.99) This AAC app is designed primarily for individuals with emerging communication skills and developmental delays. It has two modes: administrator and user modes. In administrator mode, Verbal Victor can be customized to show one, two, four, or six (and up to eight buttons in iPad) on each screen. Parents or therapists can also use the administrator mode to create new buttons and record related audio for each button. In user mode, Verbal Victor allows the user to communicate in the same way as he/she would with a traditional AAC device. Access to the administrator mode is protected by gesture control (the user must hold two fingers on the screen) and a password.

<http://itunes.apple.com/kz/app/verbal-victor/id411749775?mt=8>

Verbally: Free and \$99.00 – This text-to-speech app offers a robust free version. It is an AAC app. It contains a core words and core phrases grid, word prediction, and the ability to import your contacts. Options exist to speak words or phrases. There are 3 keyboard layouts or you can use a Bluetooth keyboard. It offers both a male and female voice. One nice option is the steady hands feature for people with limited fine motor abilities that makes it easier to type. With this set to “on”, the app will only register when you lift your finger off of the intended letter on the keyboard. Note, no Wi-Fi or 3G connection is required. The upgrade allows you to customize the app with your own phrases and to reorganize content. It also offers additional voices (including a child) and the ability to save and store content (history) and connect via email. One complaint about this app is that it doesn’t speak loudly so consider additional speakers.

<http://itunes.apple.com/us/app/verbally/id418671377?mt=8>

Voice4UAAC \$39.99 - This AAC app was developed for a child with autism by his mother and an engineering friend. It comes with 150 pre-recorded icons organized in nine categories. There are capabilities to add pictures and categories with your own sound.

<http://voice4uaac.com/apps/iphone/>

Sign Language

ASL Dictionary \$2.99 This app includes videos of professional interpreters signing over 4,800 words and multiple word phrases. Internet access is required to view the videos but they can be saved for future viewing while not connected.

<http://itunes.apple.com/us/app/asl-dictionary/id353574642?mt=8>

iSign \$4.99 or iSign Lite Free This is an ASL app with more than 800 animated signs for practical everyday usage. It includes a wide range of signs. It does not include a full dictionary. It is considered an animated American Sign Language phrasebook with gestures, modeled by a 3D character. The viewpoint differs to show detail of the signs. iSign Lite only includes 25 signs.

<http://itunes.apple.com/us/app/expressive/id398345416?mt=8>

Sign 4 Me - \$9.99 This Signed English app is designed as a tool for learning sign language. It offers models of sign language instruction in 3D! You can zoom in or out and rotate. The library includes more than 11,500 words. Type in sentences, phrases, words and even the alphabet. Everything you enter will be saved in your History. Easily locate your entries by date or alphabetically. You can delete whatever you don't want to keep.

Use the controls to speed up or slow down the signing; turn on or off the looping feature; and send the character to his "home" or default position.

<http://itunes.apple.com/us/app/sign-4-me-a-signed-english/id312882992?mt=8>

Texting

TextPlus (Free) This app provides free text messaging for the iPad (and iPhone). They assign you a free telephone number so that you can send and receive free unlimited texts.

<http://itunes.apple.com/us/app/textplus-free-texting-group/id314487667?mt=8>

Occupational & Physical Therapy Apps

There are numerous resources out there for OT's and PT's to find apps. Here are just a few:

OT's with Apps – This wiki features links to numerous apps and app resources that OT's may like. There is a lot on this wiki so take some time to follow the links on the right side of the page to find what you are looking for.

<http://otswithapps.wordpress.com/category/apps-for-ots/>

Physical and Occupational Your therapy Blogspot: This blog is not limited to apps but if you type the word apps in the search field you will find numerous apps relevant for OT and PT's particularly those working with children. You might enjoy reading about apps for evaluating posture, apps for data collection, physical activity tracking, and video/gait analysis.

<http://yourtherapysource.blogspot.com/2011/03/free-collaborative-website.html>

Apps for OTs

Dexteria (\$4.99) This app includes numerous therapeutic hand exercises (not games) to address fine motor skills and handwriting readiness in children and adults. The goal of this app is to help build strength, control, and dexterity. Many OT's love this app particularly because it includes automatic tracking and reporting options which can be saved and emailed..

<http://itunes.apple.com/us/app/dexteria-fine-motor-skill/id420464455?mt=8>

My Dragons! 3D Dragon Detector (Free) This app allows you to turn your iTechnology into a virtual 3D dragon. Your device becomes the dragon that you lift it to fly, put down to land, push to walk!! It responds to your movements! And tap to breathe fire!! You can see dragons all around you and control them.

<http://itunes.apple.com/us/app/my-dragons!-3d-dragon-detector/id497446052?mt=8>

Fingersketch – (Free) Occupational therapists like this app to work on fine motor skills. Free Sketch Art Tool. Users can create black and white or color sketches with a few simple strokes. It is an easy to use, simple, fast drawing tool.

<http://itunes.apple.com/us/app/finger-sketch-paint-for-ipad/id393772736?mt=8>

Touch Typist (Free) – This app is similar to the game of Boggle. The user gets to use a six-letter typewriter, and must type all the words they can from those letters. Other apps similar to this include Chicktionary (chickens lay eggs of letters) and 3D Words.

<http://itunes.apple.com/us/app/touch-typist-free/id349865171?mt=8>

Tozzle - \$1.99 for full version of Free for lite version - This app is designed to allow users to complete puzzles. The full version includes 39 different puzzles. Users drag and drop puzzles in to the correct location. Once completed, you can press places on the puzzle for sound effects. If a child can't find the right place for a piece, a helping arrow appears after the third try so every child can solve every puzzle.

<http://itunes.apple.com/us/app/tozzle-lite-toddlers-favorite/id307741898?mt=8>

Schedules

First Then Visual Schedule, \$9.99 – This app is designed as a fully customizable visual schedule. It offers 1, 2 and 4 location screens. You can record your own sound and choose your own picture/symbol from your camera or utilize the built-in Internet search feature. You can create as many schedules as you need and change the order of a schedule, anytime

<http://itunes.apple.com/us/app/first-then-visual-schedule/id355527801?mt=8>

First Words - \$1.99 This early intervention app is designed to teach preschool concepts of ABCs, Animals, Beach, Numbers, Sports, Fruit, Colors, and Shapes.

<http://itunes.apple.com/app/first-words/id292620958?mt=8>

Living Safely \$34.99 – This app is designed to teach 27 safe living skills through self-directed learning sessions. Living Safely utilizes the AbleLink Instructional Media Standard (AIMS), which features instruction using visual and auditory media.

<http://itunes.apple.com/us/app/visual-impact-living-safely/id396774523?mt=8#>

Off We Go Going to the Dentist HD \$4.99 - This is one in a series of app books designed to help children with everyday experiences. Each book tells the story of a particular event or everyday activity in a sequence of 12 steps. This book shows what is likely to happen, but also includes typical sounds from the dentist's office. Users can also color in the book and they can record themselves or their parent, so that even the narration is a familiar comforting voice.
<http://itunes.apple.com/us/app/off-we-go-going-to-dentist/id388916811?mt=8#>

Others include:

Off We Go – Going on a Plane HD - \$4.99
<http://itunes.apple.com/us/app/off-we-go-going-on-a-plane-hd/id388916735?mt=8>

PhotoMind App (\$1.99) This app lets you use a photo with your task reminder. The picture will be viewed with any note you have saved, without the need for an Internet connection. You can also email a reminder (picture, date, and note) to anyone, use the camera or your photo library to add photos, and more.
<http://itunes.apple.com/us/app/photomind-picture-reminders/id412456413?mt=8>

Picture Scheduler (\$2.99) – This app is designed to organize tasks utilizing picture, video and audio prompts. Each tasks can have an alarm that can be repeated daily, weekly, monthly or you can select specific weekdays. Tasks can be organized into categories and each category can have a different picture attached to it. You can also export & import content to other devices.
<http://itunes.apple.com/us/app/picture-scheduler/id315050461?mt=8>

Pocket Picture Planner HD – (Free) In this app, users create a visual calendar of activities on their computer using photos and symbols. They can then sync the schedule to their iOS device. It features multi-modal visual schedules, activities organized into simple categories, scrolling features, activity reminders, scroll through step by step elements of each activity
<http://itunes.apple.com/us/app/pocket-picture-planner/id377968377?mt=8>

Story Builder \$7.99 This app is designed to help improve story writing skills such as paragraph formation; integration of ideas; and 3 higher level abstractions by inference. Numerous audio clips target auditory processing Users can record their story in their own voice, save stories to listen to later, and send to teachers and friends via email. It includes 50 distinct story lines to create narrative from and 500 audio clips of questions to guide that narrative. It also includes a question and answer option.
<http://itunes.apple.com/us/app/story-builder/id377631532?mt=8>

Switch Use

NOTE: For an app to be switch compatible, it must be deigned that way. Examples of several switch accessible apps described elsewhere in this handout include:

Alexicomm AAC: (In AAC section)

SoundingBoard: (In AAC section)

TapSpeak Choice: (In AAC section)

TapSpeak Sequence: (In AAC section)

Attainment Switch app \$4.99 This app turns your device into a wireless accessibility switch. It can be used to run scanning software and communication tools. It is customizable and allows access to any switch accessible. It includes both one and two-button switch mode and you can use your own images on the buttons.

<http://itunes.apple.com/us/app/attainment-switch/id432089360?mt=8>

GoTalk Now \$79.99 This app from Attainment mimics the function of the Go Talk devices on the iPad. It allows you to use images from the iPad or internet, have up to 25 locations per page.

<http://itunes.apple.com/us/app/gotalk-now/id454176457?mt=8>

Inclusive Technology has recently announced that they are bringing out another switch interface for the iPad and also some switch accessible Apps –

<http://www.inclusive.co.uk/apps>.

Predictable: \$159.99 This app has too many features to describe here. It is a text-to-speech app with AAC functions with the latest social media integration. The new version of Predictable supports symbols and has an ability to convert handwriting to speech

<http://itunes.apple.com/us/app/predictable/id404445007?mt=8>

RJ Cooper Tablet Switch Interface (\$99) This device (not an app) offers switch access to the Ipad. Simple plug your switch into it. It works through Bluetooth 2.1 for simple pairing and range of over 50 ft. It has a lithium-ion battery that recharges through your USB port or USB AC charger.

www.rjcooper.com

Scene & Heard \$49.99: This app offers a visual scene display for communication. It includes opportunities to foster interactive context based communication. Import photos and add audio messages, short videos, symbols and scene links.

<http://itunes.apple.com/us/app/scene-heard/id423528276?mt=8>

Switch Kids (\$19.99 or lite version for .99) is a switch-accessible app to teach cause and effect. It works with the Blue2, the iPad screen or a Bluetooth keyboard. It accepts up to four external switches for input. It includes three activities, Funny Sounds and Faces, Bubble Gum and Build-A-Kid. A scoreboard tracks progress. In the lite version you use the iPad as the switch.

<http://itunes.apple.com/us/app/switch-kids/id467551739?mt=8>

RadSounds (\$29.99) - This app is a cause/effect and music program. It is designed for switch users. They can customize a music playlist and record or sing new music. There is Momentary mode, where the music plays for only the time you hold your finger on the iPad, Timed mode, where the music plays for a specified number of seconds upon each activation, or an advanced mode where the user chooses songs by cycling through their playlist. RadSounds is *switch-friendly*, that is, for those with physical challenges, a switch (or button) can be plugged into RJ Cooper's iPad Switch Interface for cordless access to switch-friendly apps.

<http://itunes.apple.com/au/app/radsounds/id420977569?mt=8>

Vision

There are a number of web sites that review apps for individuals with vision impairments and blindness. Check out <http://www.applevis.com>. I like this site because apps are reviewed by blind or low-vision users.

Alarmed ~ Reminders, Timers, Alarm Clock (Free) This is another free app that is loved by many iPad users. It offers popup reminders and robust scheduling with great customization. It includes countdown / count-up and pause, an alarm clock available with iTunes playlists & built-in melodies, sleep timers, fade-in and a full screen clock panel, plus over 80 high-quality custom sounds included. For the visually impaired, it offers an organizational apps that is VoiceOver friendly. It is user friendly app and fully accessible. The notes area includes reminders and a "nag me" mode that repeats the alarm until you shut it off. Through an in-app purchase you can unlock advanced features.

<http://itunes.apple.com/us/app/alarmed-reminders-timers-alarm/id371886784?mt=8>

Ariadne GPS \$4.99 – This app features a talking map to allow a person who is blind to explore their world. Activate VoiceOver on your device, and the app will read the street names and numbers around you by touching them. Your position is on the center of the screen. What's in front of you is on the top half of the screen and things behind you are on the bottom half of the screen. Crossing a street is signaled by vibration. It includes a favorites feature and the ability to announce stops on the bus or train. Available in multiple languages, Ariadne GPS works anywhere Google Maps are available. This app has received high reviews but notes that "the features of Ariadne GPS are based on the location services and on the Maps server for what concerns the information about the position. This information may not be accurate, due to the location accuracy, which is generally below fifteen meters but in some cases can be few tens of meters and to the Maps service, which might be unresponsive at certain times (Ariadne GPS will tell you if this is the case)."

<http://itunes.apple.com/us/app/ariadne-gps/id441063072?mt=8>

Auto Ringtone Pro Text to Speech – price ranges from Free to \$4.99 – With this app you can personalize each callers ringtone to identify them when they call. It includes numerous text-to-speech voices. Note, you can also use ringtones as personal alarm clock alerts For example: "Attention Chris, it's time to take your medicine." You can type ANYTHING and have it spoken. Very useful for those who are blind as their phone can announce the caller so they know who is calling. It is fully accessible via VoiceOver and the navigation and instructions are clear. You can even choose from different voices and control the speed that the voice speaks.

<http://itunes.apple.com/us/app/autoringtone-pro-text-to-speech/id333264447?mt=8>

Bloom (\$3.99) This app allows users to create patterns and melodies by tapping the screen. A generative music player takes over when Bloom is left idle, creating an infinite selection of compositions and their accompanying visualizations.

<http://itunes.apple.com/us/app/bloom/id292792586?mt=8>

Braille Visual Translator – BrailleVT (Free) This app offers a Braille Visual Translator which translates text to Braille characters according to the Italian Braille Table.

<http://itunes.apple.com/us/app/braille-visual-translator/id428848846?mt=8>

Color ID (Free) – This app identifies colors by using the camera feature on the iPad. Simply hold the iPad over an item and it will identify the color and the spectrum and hue. This app is useful for those who are visually impaired or color blind and have difficulty recognizing colors. This is useful in a number of settings such as getting dressed, in the grocery store (is the tomato red), and more.

<http://itunes.apple.com/us/app/color-id-free/id402233600?mt=8>

Dragon Dictation Free – This app offers an easy-to-use voice recognition option. It is powered by Nuance who makes Dragon® NaturallySpeaking®. Simply speak into the iPad, and Dragon's speech recognition software will turn it into text that you can put into an email, SMS text message, notes, etc. Their web site indicates that speaking through Dragon is up to five (5) times faster than typing on the keyboard. You can simply speak and this app will type directly to email, Facebook and Twitter or send notes to yourself with your voice. It supports numerous languages. It requires iPhone OS 3.01 or later. Also, 3G or WiFi is required. You must have Internet access for it to work. (Note: iPad has VoiceOver for text-to-speech built in)

<http://itunes.apple.com/us/app/dragon-dictation/id341446764?mt=8>

Evernote (Free) This free app is on the top ten must have apps list for most sites. It is a memory and notetaking tool that syncs data to your desktop and iPhone as well. You can record text, pictures, audio recordings and more and it instantly synchronizes with all your devices. You can use it to organize notes from class, capture ideas, stay in sync, snap photos of lectures, things you want to remember, and more.

<http://itunes.apple.com/us/app/evernote/id281796108?mt=8>

Glow Draw (Free) This app is a simple drawing app that features drawing options with glow in the dark pens.

<http://itunes.apple.com/us/app/glow-draw!/id364873934?mt=8>

FeedReader RSS Reader Pro \$4.99 This is the most popular RSS reader for the iPad. It is a fast and highly customizable Google Reader that stays in sync with Google and presents RSS stories in an easy-to-read interface. FeedReader is a universal app that supports iPhones, iPod touches, and iPads. This free version is supported by banner ads. It is highly recommended by individuals with low vision because it has so many features. It even caches articles for off line reading

<http://itunes.apple.com/us/app/feedreader-rss-reader-for-ipad/id364873582?mt=8>

Fireworks Toy (free) This app offers a very simple interactive fireworks display. Tap on the screen and a firework will be launched towards the location you tapped. Drag your fingers across the screen and dozens of colorful fireworks will be launched towards the path your fingers traced.

<http://itunes.apple.com/us/app/fireworkstoy/id346602357?mt=8>

Gravitarium (.99) This app combines music, art and science to allow the user to create art. You start with a star and modify it through touch and movement of the iPad. AT specialists report using it with individuals with limited vision.

<http://itunes.apple.com/us/app/gravitarium/id375602683?mt=8>

iBlink radio (free) This free application is designed for the visually impaired. It includes radio stations, podcasts and reading services of special interest to blind and visually impaired persons; as well as their friends, family, caregivers and those wanting to know what life is like without eyesight. Reading services provide narration of newspapers, magazines, periodicals and other print publications including: USA Today, the Wall Street Journal, the New York Times and hundreds more. Podcasts are produced by blind and partially sighted individuals, and cover topics including: broadcasting, computers, radio, technology, Independent Living, Travel, and much more.

<http://itunes.apple.com/us/app/iblink-radio/id332027117?mt=8>

iHear Dialer (\$1.99) This app allows you to dial phone numbers without looking at the keypad. As you move your hand around on the keypad, the dialer will tell you what number your finger is on and when you want that number, just release your finger. It allows you to: Dial phone numbers without looking at the keypad, Dial your last 6 previous numbers (History tab), Choose between 2 voices (Alex & Jules), and Display or remove hyphens as you dial numbers

<http://itunes.apple.com/us/app/ihear-dialer/id306867380?mt=8>

ilook (.99) This app offers a high contrast, white on black picture book. It has 5 picture categories including: Animals, food, shapes, nature, and baby items and each have 5 images. You can also customize and pick which categories you'd like to see and decide if you'd like to go through them manually or put them on a slideshow if you have your hands full. The slideshow is also customizable as you can decide how long you'd like each image to stay on the screen.

<http://itunes.apple.com/us/app/ilook-white-on-black-picture/id341484346?mt=8>

Kaleidic (Free or .99) This app offers an interactive, animated, highly randomized kaleidoscope. Using the iPad you can shake, tilt, and move the screen to create different images.

<http://itunes.apple.com/us/app/kaleidic-lite/id305557129?mt=8>

List Recorder \$\$.99 lite version or upgrade to \$7.99 – This app allows you to easily record lists using the audio recorder on your device. It includes several recording formats, and an easy to use interface. You can easily replay, sort, delete or email recordings using custom gestures such as tilt and tap. You can assign due dates and organize recordings for later access. It integrates with VoiceOver as well as Braille displays. The light version .99 limits the user to 10 seconds per recording. <http://itunes.apple.com/us/app/list-recorder/id381936335?mt=8>

LookTel Money Reader \$9.99 – This app literally identifies coins and dollars. The app uses the camera on the iPhone, to read the denomination of paper money. They are also working on other cutting-edge applications that will expand the technology to reading labels and more. Simply point the camera at the money and the app will read it. You do not need to hold the iPhone still

or capture a photo and wait for a result – recognition happens instantly, and in real-time. The app does not require an internet connection.

<http://itunes.apple.com/us/app/looktel-money-reader/id417476558?mt=8>

Magnifying Glass with Light (Free) This app converts your idevice to a magnifying glass. It includes both horizontal and vertical orientation, a built in light, slider zooming from 1.5X - 6X, lighted View, and image Capture

<http://itunes.apple.com/us/app/magnifying-glass-with-light/id406048120?mt=8>

oMoby (Free) – This app allows the user to take a picture of an item or scan its bar code and then search the internet to access shopping information and more. The visual search will return a result for any image, but it works best on products. It also works with VoiceOver to tell you about the item.

<http://itunes.apple.com/us/app/omoby/id353867169?mt=8>

RxmindMe Prescription (Free) This app is designed to remind you to take your medicine and to help keep track of when you may need a refill. It uses multitasking to alert you every time you need to take a prescription. It tracks complex reminders including hours or particular days of the month. It is VoiceOver friendly.

<http://itunes.apple.com/us/app/rxmindme-prescription-medicine/id379864173?mt=8>

Talking Scientific Calculator \$4.99 or free to trial - This talking scientific and fraction calculator speaks answers and button names out loud. It uses either the built in voice or your custom voice(s) recorded directly into the iPad. It is advertised as an ideal app for the vision impaired, blind, or anyone looking for an easy to read calculator - with optional speech. The add, subtract, multiply, divide, clear, backspace and memory functions are accessed through large buttons, grouped together. It works with VoiceOver for the fully blind, or has a high contrast options for those with low vision.

<http://itunes.apple.com/us/app/talking-scientific-calculator/id411433609?mt=8>

VM Alert - Video Motion Detector \$1.99 This app detects motion within the range of the camera on the iPad. It can use the rear or front facing camera and will sound a pleasant or alarming audible alert when it detects motion. It can even save images of the motion conveniently to the iPhone camera roll. To use, start the app, aim the camera at the scene to be monitored, and set the iPhone on a stable surface. After about 3-5 seconds of being still, the app will automatically arm. (The app uses the internal accelerometer to determine when it is no longer moving.) While armed, it will alert on any motion seen by the camera. To disarm, simply pick up the phone. It is useful to those who are blind as it notifies them of someone approaching.

<http://itunes.apple.com/us/app/vm-alert-video-motion-detector/id387523411?mt=8>

Visual Braille Lite (free) This app facilitates learning of Braille. Users type in text, and VisualBraille™ converts it into one of several Braille types such as literary Braille (Braille that is

written to express standard text or writing.

<http://itunes.apple.com/us/app/visualbraille-lite/id425297495?mt=8>

VisionSim (Free) This app simulates many common vision losses such as macular degeneration or diabetic retinopathy so that friends and family can understand what the individual with the loss sees. It was developed by the Braille Institute. It mimics the eye condition through filters on the camera. Each filter contains a button with more information.

<http://itunes.apple.com/us/app/visionsim/id432744835?mt=8>**Taxi Magic (Free)** This app allows you to request a taxi without a phone call. More importantly for the blind, it signals when the taxi is arriving and identifies its current location as it approaches. This app can track your taxi expenses and allow you to pay in advance with your credit card for an extra \$1.50. It works in over 4000 cities.

<http://itunes.apple.com/us/app/taxi-magic/id299226386?mt=8>

VizWiz (Free) This app is a useful app to let blind users utilize sighted friends and family to help them with visual problems in nearly real-time. Users take a picture with their phone, speak a question, and then receive multiple spoken answers. To use, you simply take a picture of any object and record your question. Then select whom you wish to send it to and how (email, IQ Engine webworker, twitter, etc.) Web worker is a human volunteer reviews and answer your question. IQ Engine is a character reader.

Voice Brief \$2.99 and free lite trial version This app advertises itself as a speaking personal assistant who reads just about everything you want to hear everyday life. Voice brief reads your email, weather, calendar, news feeds, stock price, twitter and facebook, and more. It lets you customize content. This is a large app because of the size of the voice files. There is a free lite version to try. <http://itunes.apple.com/us/app/voice-brief/id423322440?mt=8>

WhatsApp Messenger (Free) This is a cross-platform texting app that allows you to send and receive unlimited text messages. It automatically imports your contacts and offers audio notes and video messages, all free. It is accessible and easy to use. There are no data limits and it uses your regular phone number. It even allows group chats and saves any messages you get while not on your phone or off the application so you never miss a text.

<http://itunes.apple.com/us/app/whatsapp-messenger/id310633997?mt=8>

WeatherBug (Free) This weather app includes the largest network of professional weather stations in North America. It includes Doppler radar, severe weather alerts, maps, forecasts, widgets and much more. WeatherBug for iPad is the most comprehensive weather app available. WeatherBug offers up-to-date weather reports and a forecast for the next 24 hours or the next week. If you are a weather buff, it will even tell you the barometric pressure, dew point and humidity.

<http://itunes.apple.com/us/app/weatherbug-for-ipad/id363235774?mt=8>

Yellow Pages (Free) This is exactly as it sounds, a free version of the yellow pages for your iPad. What is unique for those who are blind is that it makes the yellow pages searchable by

voice. Once located, the number and information can either be added to your contacts or called directly. <http://itunes.apple.com/us/app/yp-yellow-pages-for-ipad/id372678687?mt=8>

Hearing

ASL lite (Free) This is a lite version of the ASL. It is free to download and to test out the features of the full application. It has about 50 words. There are 2 other paid versions including ASL Ultimate (1400 words) and ASL Pro (700 words). The features are exactly the same as ASL Lite except that these versions have more words.

<http://itunes.apple.com/us/app/asl-lite/id299467634?mt=8>

Captionfish (Free) – This app allows the user to search the internet for captioned movies. This app shares information about open captioned, Rear Window® captioned, foreign/subtitled, and descriptively narrated movies in the United States. It includes streaming of captioned trailers. <http://itunes.apple.com/us/app/captionfish/id387324703?mt=8>

Danny the Dragon Meets Jimmy \$2.99 This award winning book is the first to include sign language interpreting as an option. It is story about a lovable dragon named Danny, and his friend Skipper. It features three narration options, auto or manual navigation, and onscreen text help. This book was nominated Best Children's Picture Book of 2009 and has won numerous awards.

<http://itunes.apple.com/us/app/danny-the-dragon-meets-jimmy/id383272257?mt=8>

ten apps to enhance one's iPhone experience and life in general.

Fring (free) This is another great videochat program. It features options for group Video Chats with up to four friends. You can also video chat on 3G, 4G & WiFi, make free calls and text chat to other fring users worldwide.

<http://itunes.apple.com/us/app/fring/id290948830?mt=8>

GarageBand - \$4.99 - GarageBand is an amazing music app that allows you to play numerous instruments and have access to a recording studio. You can also use the built-in microphone or a guitar to record, or capture any performance. Then mix up to eight tracks to create a song you can share. Some teachers of the hearing impaired use GarageBand to improve auditory comprehension for deaf and hard-of-hearing students. It is especially beneficial for students with new cochlear implants. The educators make podcasts of conversations. They then download it to a device so that students can learn inflection and start to differentiate voices.

<http://itunes.apple.com/us/app/garageband/id408709785?mt=8>

iSpeech Toddler Sign Language \$1.99 This app is designed to teach 30 commonly used basic words using sign language techniques. The app includes a detailed illustration of each sign, a definition of the sign, an explanation on how to replicate the sign, and a detailed animation of the sign with two animated children; Sadie and Sammy.

<http://itunes.apple.com/us/app/ispeech-toddler-sign-language/id324321945?mt=8>

Injini Child Development Suite Lite version is free, otherwise \$29.99. This app includes a collection of learning games designed for young children with cognitive, language, and fine motor delays. The 9 games include puzzles, tracing games, cause and effect, and more. The lite version includes 8 of the 9 games included in the full version of Injini. Within each game, your child can play up to 3 of the 8+ levels. Because it is not heavily language-based, some teachers of the deaf find it useful.

<http://itunes.apple.com/us/app/injini-child-development-game/id462683555?mt=8>

IP-Relay (Free) – This app works like a TTY system on your iPad. You can call people and be connected with a certified IP-Relay operator who receives the call and voices everything you type to the hearing person. When the hearing person responds, the operator types their words. You watch the entire conversation live, right on your device. Because it is a federally funded service, so there is no charge for the call, and minutes do not count against your monthly phone minute allotment. Note that the reviews are very mixed on iTunes.

<http://itunes.apple.com/us/app/ip-relay/id351385414?mt=8>

***Photo Booth: (built into the iPad)** This app allows you to use add visual effects to your photos. You can squeeze, mirror, twirl, etc. You can alter images from your library and save the changes you made. Be careful, it's addicting. To delete these photos, touch one and click the x in the corner. Some individuals who are deaf and hard of hearing use this app to communicate with sign language. They take a picture of their video message that they sign and then email it to friends.

<http://itunes.apple.com/us/app/fluid-fx/id383133211?mt=8>

Qik (Free) This video chat and sharing app was created by Skype. It features high resolution video, live chat over 3G and Wi-Fi, and more.

<http://itunes.apple.com/us/app/qik-video/id439715497?mt=8>

Sign 4 Me for iPad – A Signed English Translator \$14.99 – 29.99 This app is a great resource for learning sign language. It utilizes an in 3D which can be manipulated for easy viewing. The library includes more than 11,500 words. Type in sentences, phrases, words and even the alphabet. Everything you enter will be saved in your History. Easily locate your entries by date or alphabetically. Delete whatever you don't want to keep. Use the controls to speed up or slow down the signing; turn on or off the looping feature; and send the character to his "home" or default position.

<http://itunes.apple.com/us/app/sign-4-me-a-signed-english/id312882992?mt=8>

Subtitles: (Free) This app offers access to a large library of movie subtitles in 20 languages. Subtitles is especially useful for the hard of hearing and people who would like access to subtitles in their native language when visiting the cinema. According to their web site, you can access the subtitles of the very latest cinema releases, as well as those for older movies. Note that the application's content is user-generated, so the quality of subtitles may vary.

<http://itunes.apple.com/us/app/subtitles/id358913522?mt=8>

Early Childhood

Baby Finger (free) This app is designed for very simple cause and effect interaction. Every touch of the screen offers a different response. Also includes activities to teach numbers, shapes and things, the alphabet (with sounds) and more. Also used by vision teachers as it offers similarities to a light box.

<http://itunes.apple.com/us/app/baby-finger-hd/id407552495?mt=8>

Bugs and Buttons (\$2.99) This app offers fun graphics and 18 interactive games all around a bug theme to teach preschool skills. The app is designed to be self-paced with two play modes, automatic or explore and play.

<http://itunes.apple.com/us/app/bugs-and-buttons/id446031868?mt=8>

Cookie Doodle (Free of \$.99) This app is offered for free on occasion. It provides an opportunity to make cookies from a recipe or from a mix. It is very interactive with the chance to crack eggs, sift flour, and pour ingredients. Users can also decorate their cookie with frosting, piping and candy sprinkles.

<http://itunes.apple.com/us/app/language-lab-core-words/id474446989?mt=8>

Elmo's Monster Maker \$2.99 This app allows the user to create monsters by choosing a body, face parts, hats, and more. Then, when it's done, Elmo will dance and play with your monster. This app includes Sesame Street video, the ability to save a photo of your monsters in your photo album. Touch your monster anytime for a surprise.

<http://itunes.apple.com/us/app/elmos-monster-maker/id350361202?mt=8>

Fish School (\$1.99) This app is a favorite of many parents, teachers and kids. It includes a clever use of fish to teach letters, numbers, shapes, colors, differences, matching, and more. It includes eight fun educational activities.

<http://itunes.apple.com/us/app/fish-school-by-duck-duck-moose/id367567459?mt=8>

Fish Fingers (Free) – This popular app features a 3D aquarium that you can interact with. Feed the fish and watch them swim toward you and slowly grow them the more you feed them. The fish swim in all directions and can be viewed from any angle!

<http://itunes.apple.com/us/app/fish-fingers!-3d-interactive/id368996494?mt=8>

Five Little Speckled Frogs (\$.99) This darling app features the famous song and includes several options such as the ability to make your own bug, record your own music, and interact with the frogs.

<http://itunes.apple.com/us/app/five-little-speckled-frogs/id407497651?mt=8>

Kid Apps: 13 in 1 (Free) This app definitely has annoying ads but it also offers some beautiful pictures of common objects, some simple ABD and counting activities and more. It includes math games, over 800 flash cards, interactive tracing drills and more! You will find the following full featured kid apps inside:

<http://itunes.apple.com/us/app/kid-apps-13-in-1/id386807019?mt=8>

Mermaid Waters: Adventures of Hana & Cory! (Free)– This company makes several apps designed for preschool children. They advertise that their apps are designed for learning and are curriculum-friendly and based on age-appropriate learning objectives. Topics covered include number recognition, sizes, counting and basic addition.

<http://itunes.apple.com/us/app/mermaid-waters-preschool-learning/id454136246?ls=1&mt=8>

Miss Spider's Tea Party Lite is Free, Full version is \$2.99 In this interactive app, children read the story, play games and interact. It includes multi-touch animation, painting, puzzles, and games. The menu offers the ability to adjust many features such as words or no words, enlarge the picture, turning off animation and more.

<http://itunes.apple.com/us/app/miss-spiders-tea-party/id457053561?mt=8>

Monkey Preschool Lunchbox \$.99 The #1 preschool game in the app store. Learn and have fun by helping monkeys pack lunch! Monkey Preschool Lunchbox is a collection of seven games that teach colors, letters, shapes, sizes, matching and differences. Designed for preschoolers (ages 2 to 5).

<http://itunes.apple.com/us/app/monkey-preschool-lunchbox/id328205875?mt=8>

My Playhome: Free for lite version with just two rooms and \$2.99 for the full house. This app features a great doll house that allows the user to interact with the dolls. Almost everything on the screen is interactive (make meals, eat, brush teeth, etc). Turn on the lights and the shower, fry an egg, and more. No ads, no in app purchases. <http://itunes.apple.com/us/app/my-playhome/id439628153?mt=8>

Nighty Night (\$99 or free for lite version) This app features farm animals that are getting ready for bed. The illustrations are fabulous! Children learn about the animals, the sounds they make, what they do, etc.

<http://itunes.apple.com/us/app/nighty-night!-hd/id428492588?mt=8>

PeekaBoo Barn (\$1.99) In this app, farm animals are hiding behind doors. Useful for cause and effect and vocabulary development. You can record the animal names and save a written version.

<http://itunes.apple.com/us/app/peekaboo-barn/id300590611?mt=8>

Preschool Memory Match (Free) This app works to build vocabulary through matching activities. It includes over 220 different pairs to match in five categories, including transportation, musical instruments, animals/bugs, food, and objects. Sound effects are included for each matched pair.

<http://itunes.apple.com/us/app/preschool-memory-match/id368542467?mt=8>

Shapes Toddler Preschool (Free) This app is made by Toddler Teasers who also make other fun early childhood apps. This free app teaches basic shape concepts as well as other preschool categories within a fun game environment. The company sells individuals apps like this or the entire package in the app Toddler Teasers Toddler Preschool Complete for \$2.99. Reviews, especially from young children are very positive.

<http://itunes.apple.com/us/app/shapes-toddler-preschool/id303153532?mt=8>

Snappsforkids – (Special Needs Apps for Kids) - This web site is created as a resource for apps for children with special needs. It is done by parents, teachers and doctors. In addition to resources on apps, it includes many other useful tools such as information on funding resources, accessories, and more. Definitely worth checking it out.

<http://www.snapps4kids.com/>

Sparkle fish (Free) This is a great app that kids of all ages love. This app resembles the fill in the blank stories (mad libs) that you did as a kid where you had to insert a describing word, or a noun, etc and then read the story back with the inserts to see how silly it was. Using this app you record different creative words in your own voice for playback. SparkleFish includes a “Chum It!” feature so you can post comments about the game directly to your Facebook wall. It comes with four story options, all cute and humorous. You can save recording to listen later. You have the option to buy more stories (5 at a time).

<http://itunes.apple.com/us/app/sparklefish/id432462341?mt=8>

Teach Me Toddler (\$.99) This app teaches basic early childhood skills of numbers, shapes, colors, etc. through games and activities. It tracks data on success for each child (up to 4) and gives stickers for correct answers. It is designed for independent play by toddlers. The developers of this app have several versions for other ages and stages of development. There are also versions for older children (Teach Me Kinder, 1st).

<http://itunes.apple.com/us/app/teachme-toddler/id316755410?mt=8>

Word Cub Letters & Sounds \$.99 This app is designed to make phonics fun. It uses the concept of building blocks and offers activities to work on phonics and reading. Activities include letter and sound match and word discovery.

<http://itunes.apple.com/us/app/word-cub-letters-sounds/id335597350?mt=8>

Organizational/Time-saving Strategies

Awesome Note (\$3.99) This productivity/to-do app is just one example of many out there. It features: color coding, calendar, due date, to-do list, check off completed items, categorize content, share with others, and alarm reminders. It also syncs with Google docs and Evernote and saves automatically as you enter content.

<http://itunes.apple.com/us/app/awesome-note-to-do-diary/id320203391?mt=8>

Dropbox is a free service that lets you store your photos, docs, and videos on the internet and share them when you want to. You can have access to your files when you're on the go. You can also sort files by favorites. This is a very popular file storage service. You can easily sync files and folders across multiple computers and devices. Includes 2GB of free storage.

<http://itunes.apple.com/au/app/dropbox/id327630330?mt=8>

Evernote (Free) This free app is on the top ten must have apps list for most sites. It is a memory and notetaking tool that syncs data to your desktop and iPhone as well. You can record text, pictures, audio recordings and more and it instantly synchronizes with all your devices. You can

use it to organize notes from class, capture ideas, stay in sync, snap photos of lectures, things you want to remember, and more.

<http://itunes.apple.com/us/app/evernote/id281796108?mt=8>

iHomework \$1.99 This app lets you manage school work, schedules, assignments, and more. It includes alarms to notify you of important deadlines.

<http://itunes.apple.com/us/app/ihomework/id302786560?mt=8>

Remember the milk (Free, but yearly subscription for web site) This app connects with the online service of the same name so it is everywhere you are. Learn more at www.rememberthemilk.com

<http://www.rememberthemilk.com/> is a yearly subscription, but a great to do app

Studying

A+ Pro (Free, will be \$4.99) An efficient and clever method of creating flashcards to memorize information. Also, can access other's flashcards already created for you.

<http://itunes.apple.com/us/app/a-flashcards-pro/id395248242?mt=8>

Cram – \$3.99 – This flashcard app helps students study by putting content on flashcards and multiple choice tests. It includes multiple study modes, images, and detailed tests. Information can be shared with others.

<http://itunes.apple.com/us/app/cram-flashcards-multiple-choice/id290024708?mt=8>

iFlipr Flashcards \$4.99 – Note this app will not be supported long term because there are so many apps (over 12,000,000 cards on iFlipr.com) their server can't support it! In the meantime, it's the best one out there. This app allows you to make and share flashcards for studying. This app offers easy customization and use.

<http://itunes.apple.com/us/app/iflipr-flashcards/id287056408?mt=8>

ivoc Audio (\$1.99) This app offers a strategy to memorize things quickly using your own recorded Voice. Users record question and answer pairs.

<http://itunes.apple.com/us/app/ivocaudio-your-memory-chum!/id404446774?mt=8>

Magical iPad (\$4.99) This app is designed to assist in note taking, outlining, and mind-mapping. It includes structured lists to quickly capture and organize input, prioritize goals and actions.

<http://itunes.apple.com/us/app/magicalpad-notes-outliner/id463731782?mt=8>

myHomework (Free) This app is created to help organize students by setting reminders for homework assignments and due dates. Everything can be color coded and viewed as a list or on a daily or monthly calendar with alerts for deadlines. Late and upcoming assignments are numbered and color coded to keep you aware of upcoming deadlines.

<http://itunes.apple.com/us/app/myhomework/id303490844?mt=8>

You Note (Free) This app allows you to take notes many different ways. It includes drawing, audio, text and photo options. You can link notes to other content and share them with others.
<http://itunes.apple.com/us/app/younote!/id284969305?mt=8>

Life & Social Skills

ABA Flashcards: Emotions (Free) – This app is designed to help individuals learn to recognize and interpret emotion through facial expressions. It includes 50 superb, concrete, colorful images of the 10 most basic emotions; with 5 examples of each emotion. It also includes audio and text encouraging vocal imitation. ABA also makes other cards for functions and other skill sets.

<http://itunes.apple.com/us/app/aba-flash-cards-emotions/id350435867?mt=8>

Community Sidekick, \$9.99. This app allows you to track the location of an individual/device. It sends automated email messages containing map links, which show the user's location. When the user starts a trip, they launch this app which sends updates of location at frequent intervals. It works on the iPhone, iPod Touch or iPad and will even work when those devices are connected to the internet. Note: the app must be running in the foreground and your device must be turned on.

<http://itunes.apple.com/us/app/community-sidekick/id413107872?mt=8>

Conover Company Life Skills (FREE Sampler Programs!) This company produces a number of apps for individuals with disabilities including Literacy skills, work skills, social skills, planning, and more. The Literacy app is designed to teach and reinforce basic signs and words critical for independent living. This app contains 80 videos from our literacy skills series applications, the ability to add assignment for each user based on individual needs and lock the device to certain sections. Full programs vary in price but are very reasonable (\$99)

eCove Observation Software (Free)– This app is designed to track data. It includes several options for timers, counters, checklists, and scale tools. This app allows you to observe and track both teaching practices and student behavior. Additional information about data-based observations and eCOVE Software at www.ecove.net. More options on web for a fee.

<http://itunes.apple.com/us/app/ecove-observation-software/id353279020?mt=8>

Feel Electric! (Free) This app offers a way to identify and record feelings over time and features cast members from the Electric Company show who provide opportunities to explore emotional vocabulary and self-expression. The app includes three fast-paced games, a digital diary to record daily moods, a zany story maker, and more. You can add you own photos, video and sound as well.

<http://itunes.apple.com/us/app/feel-electric!/id463493101?mt=8>

The Grouchies (Free) This is a book that teaches children about dealing with anger and frustration.

<http://itunes.apple.com/us/app/the-grouchies-by-debbie-wagenbach/id385919059?mt=8>

Hidden Curriculum for Kids \$1.99 – This app teaches individuals to understand the subtle rules of communication and interaction that are typically learned automatically. It includes real-life examples to facilitate conversations and learning. There is also a version for adolescents and adults.

<http://itunes.apple.com/us/app/hidden-curriculum-for-kids/id351224500?mt=8>

iBehavior - (Free) This app allows tracking of classroom/behavior of multiple subjects. You can use the app or the synchronized website to record positive and negative classroom behavior. Track and view a particular student, or an entire class, by day, week, or month. Reports can then be emailed.

<http://itunes.apple.com/us/app/ibehavior/id375172863?mt=8>

iRewardChart – (Free and \$3.99) this App allows you to create a positive reward chart for individuals. You can import photos to customize the app. You can decide the criterion behavior to get the reward (i.e. 5 attempts) and the reward itself (watch TV, play a game, etc.). Taps the device to tally behaviors. When criterion is reached, the reward is provided.

<http://www.irewardchart.com>

See Touch Learn (Free) This app features a picture based learning system designed for those with autism. Users can build custom picture card lessons and track responses. The app comes with a starter set of images and exercises created by a behavior analyst. Additional libraries of images and lessons are available for purchase from within the app.

<http://itunes.apple.com/us/app/see.touch.learn./id406826506?mt=8>

The Social Express (lite version is Free, full version is \$89.99) This free app offers an opportunity to practice social skills such as how to self-regulate, problem solve, and understand the hidden rules of interaction. The full version has 16 interactive lessons, each with two applications (one for younger students, one for older). The app includes a comprehensive user's guide and follow-up activities.

<http://itunes.apple.com/us/app/the-social-express-lite/id478632216?mt=8>

Touch Trainer (\$6.99) This app offers a simple cause and effect tool that provides music and shows a simple animation whenever a button is tapped. The button gets progressively smaller as the app moves through the levels to easily teach individuals how to use a touch screen. In the settings menu the caregiver can decide if the app will "react" to any touch or if it only recognizes distinct taps.

<http://itunes.apple.com/us/app/touch-trainer-autism-special/id424128577?mt=8>

Accessories

Access Stylus

You need a special stylus for the iPad, iPhone, and iPod touch because the touch screen works with electrical conductivity. One option is the Pogo Stylus.

<http://www.tenonedesign.com/stylus.php>

Head Pointer

RJ Cooper sells and provides direction to make a head pointer for the I-products. Because the iPad is not pressure-sensitive, an adaptation that is responsive to small amounts of electricity that your body produces is required. Price ranges from \$30 - \$200.

<http://www.rjcooper.com/ipad-pointer/index.html>

Cordless Switch

RJ Cooper \$149 He has a switch interface that can work for auto or Step scanning. It uses Bluetooth 2.1 for simple pairing and range of over 50 ft. It should work with any app that has been programmed for switch access

Switch Interface

RJ Cooper \$99 makes cordless switch access for Ipad. It allows you to plug any switch(es) into it for cause/effect, switch timing practice, AAC auto-scan and step-scan, spelling, and any other apps. It works through Bluetooth 2.1 for simple pairing and range of over 50 ft. Any app that has been programmed for switch access can use the iPad Super Switch.

Switchamajig (\$249) is not just an app, it turns your iPad into a switch control device. A box is attached via jacks to your iPad and then the toy or switch activated device. The iPad can then be configured as 1,2,4, etc. touch pads to control switch adapted toys. The cost is \$ 249.00 for the box, the app is free.

Cases

AMDi's iAdapter, This case is rugged and has speakers in it.

<http://www.amdi.net/>

Big Grips :This large case allows the user to hold onto the side handles or stand the iPad up. This case is great for those with fine motor challenges as it has a wide grip area. Some reports on the web indicate that the iPad popped out too easily but we have not found this to be the case.

<http://biggrips.com/>

Gripcase: This is a great case for the iPad 2. It is rugged but not too heavy. It allows you to handle the iPad easily, without touching the screen.

<http://www.gripcase-usa.com/> .

Griffin Survivor —This case offers military grade protection and moisture guard. It fully enclose the iPad and all it's ports. It has a built in screen protector.

<http://www.griffintechnology.com/armored>

GumDrop - This case also fully encloses the iPad and all its ports. It has a screen protector that can be popped out and replaced. Reports indicate that the GumDrop can accidentally adjust volume but it is one of the most protective and sturdy and includes a rigid screen protector. Costco currently carries them online for \$60.

<http://www.gumdropcases.com/apple-ipad-2-cases.html>

Otterbox Defender is a strong durable drop proof case.

<http://www.otterbox.com/apple-ipad-cases/apple-ipad-cases,default,sc.html?cid=GOAPIPADT10&gclid=CNuUktmCo60CFQduhwodeUtAmQ>

RJ Cooper Carrying Case - RJ Cooper makes a leather carry case with a strap that works with the iPad. You can attach it in landscape or portrait mode. \$79

<http://www.rjcooper.com/ipad-ultimate-case/index.html>

Trident's Kraken: This is a great case for the original iPad because it has a wide grip or "handle" area on the sides allowing for a good grip without touching the screen.

<http://www.amazon.com/Trident-Kraken-Hybrid-Case-iPad/dp/B003ZWSTGW>

Mounting Equipment

Lock Line: This lock line mounting equipment allows you to affix the iPad/iPod to the acrylic plate using duolock and lockline. It ranges in price from \$35 - \$100 depending on the mount you purchase. It is sturdy and durable but adjusts easily and quickly. They have a variety of clamps some stronger than others. They are useful for clamping to a wheelchair, bed, desk, etc. They have both a flexible and rigid arm for mounting.

<http://www.modularhose.com/applications/mh-at-kits>



Handmade Mounting system using flag poles holders: Therese Willkomme from the New Hampshire Tech Act Program (ATinNH) has created numerous how-to videos for creating iPad mounts. These videos are posted on youtube at the following link:

<http://www.youtube.com/playlist?list=UUOhlN8JnAwdYrhWEdWpmE3g&feature=plcp>

Tips & Tricks:

Restricting students from deleting apps

Upgrade your OS if you have not already. In the settings menu under general there are restrictions. Activating this requires you to choose a pin. From there you can turn on a restriction for deleting apps. Go to Settings>General>Restrictions. In the first sections there is a toggle for Deleting Apps - toggle it to OFF

Stopping Access to the Home Button

The easiest way is to purchase a case such as the Bub Cap which covers the home button or to purchase the Home Button Guard made by Lasered Pics. With these covers, the adult can still push it to get home but it requires a harder push. There are also several cases that block the home button such as the iAdapter case by AMDI.

Set the screen to never lock

Open the settings, choose auto-lock, change the amount of time before the screen locks (2, 5, 10, 15 minutes or never. **Note:** This will drain your battery rather quickly.

Lock screen to not rotate

Under settings, scroll down to lock rotation (use side switch to:) and check the item. Now your side on off (normally mute) button is a toggle to lock and unlock the rotation feature. Note: you can also return this button to mute by checking the mute option below lock rotation.

Stopping “notifications”

When you download an app it may ask you if you want to allow “push notifications”. If you choose allow, you will periodically get texts from the app telling you different things. Everything from Merry Christmas to a reminder to upgrade or do a task. To shut this off, go into settings, notifications, and choose the app that is in the notification center that you do not want content from. Press the name of the app and slide the notification bar to off.

Shutting off internet access or access to certain apps

Under settings, choose restrictions. If it asks for a passcode, you must know this code to get in. Turn off access to certain apps such as safari, you tube, camera, facetime, itunes, Ping, installing and deleting apps. Here you can also restrict in-app purchases, and monitor the level of content (g rating) for apps, music, TV, etc.

Disable the ability to switch between apps

Under settings, choose general, and then turn multitasking gestures to Off.

QR Code Reader and Creator Generator.(\$.99) This app allows you to read and create your own QR Codes. Use it to link web sites to content, provide additional support for reading, add additional instructions to your task, read books in Spanish or English, to send kids on a scavenger hunt, to link to numerous online resources, Using this app you can generate a list of QR code as one PDF file for printing, generate any QR code such as text, URL, contact, etc., instant Scan, and add Phone Contact and navigate to URL on one step. This application supports all iOS includes iPhone, iPad2, iPod touch with camera for the scanning capabilities.

<http://itunes.apple.com/au/app/qr-code-reader-and-creator/id436182189?mt=8> or **QR Reader for iPhone**

<http://itunes.apple.com/au/app/qr-reader-for-iphone/id368494609?mt=8> 

Controlling a smart board with the iPad On an iPad, you can get the App “SplashTop.” This app allows you to connect to the computer that operates the SmartBoard via WiFi. You have to download Splashtop Streamer to your computer and set up a password. Once set up, you select the APP Splashtop on the iPad, it will connect to your computer and become the operator of the smartboard. You can even use this with a student who has physical limitations so they can participate from an iPad while the other students can still come to the smartboard.

Training individuals to slide to unlock

RJ Cooper, has an app called Slide 2 Unlock (iPad only right now) to train the slide function.

Research on iTechology

This link is to a great research project done on an iOS pilot implementation. Lots of great info about getting it up and running. <http://t.co/Gax3HqkS>

Purchasing iPads and memory considerations:

This informative link helps you to problem solve the amount of memory you may need on an iPad. http://www.ehow.com/facts_7572704_much-memory-should-ipad.html

Funding the iPad There are many organizations to consider for funding of an iPad.

Below are links to options you may want to explore.

<http://www.autismpluggedin.com/ipad-grants-and-funding-sources>

<http://ipadeducators.ning.com/forum/topics/how-are-you-funding-your-ipad-program>